

ANNUAL REPORT  
OF  
**THE MINES BRANCH**  
OF THE  
**Department of Lands and Mines**  
OF THE  
PROVINCE OF ALBERTA

**1942**



EDMONTON:  
A. SHNITKA, KING'S PRINTER  
1943



Edmonton, Alberta,  
February 25, 1943.

TO THE HON. N. E. TANNER,  
*Minister of Lands and Mines.*

Sr.:

I herewith submit the report of The Mines Branch for the year  
ending December 31, 1942.

Respectfully submitted,  
A. A. MILLAR,  
*Chief Inspector of Mines.*



ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR  
ENDING DECEMBER 31st, 1942

(ANDREW A. MILLAR, *Chief Inspector*)

The output of coal produced from mines in the Province during the year 1942 was 7,754,279 tons, with a valuation of \$22,562,352 this being an increase of 784,215 tons over the output produced in 1941, and is the highest tonnage of coal produced in the history of the Province.

It also exceeds by 420,100 tons the output of 1928, which was the year in which the previous highest recorded tonnage was mined in Alberta.

In addition to the above tonnage, there were 145 tons reported as mined by farmers under permit, for their own use.

It is also believed that due to the scarcity of coal and the extremely cold weather, that considerable illegal mining has been carried on this winter.

The disposition of coal during the year was as follows: 1,474,795 tons sold for consumption in Alberta; 2,733,485 tons sold for consumption in other provinces of Canada; 98,197 tons to the United States; 2,864,586 tons sold to railroad companies; 184,933 tons were used in making briquettes; 107,410 tons used in making coke; 168,193 tons were used under colliery boilers; 6,551 tons used by colliery railroads; 45,517 tons were put to stock, and 128,017 tons were put to waste. The above tonnages include coal lifted from stock and waste heaps, which is not included in the total output.

The railroads took 225,704 tons less than in 1941, and a small decrease was also made to Ontario. Nearly all the other provinces increased their shipments from Alberta over that of 1941, but due to war-time conditions, the free movement of coal has been interrupted to a considerable extent.

During the year, 5 shale pits produced 29,115 tons of shale and clay, from which 10,760,526 bricks and 5,879 tons of hollow tile were made.

There were 204 mines producing coal during the year, of which 6 were opened and 15 abandoned. In addition to the mines abandoned, 13 were closed.

At December 31st, 1942, 180 mines were in operation. This is a decrease of 27 mines as compared with 1941, a number of small mines not having been able to operate owing to lack of miners.

The number of men employed during the month of December was 9,129, being 100 less than for the corresponding month of 1941.

During the year, 467 miners were granted certificates, 106 of which were Class A and 361 Class B certificates. Due to the shortage of miners, an Order in Council was passed by the Provincial Government on November 16th, authorizing the granting of Emergency Coal Miners' Certificates to men with limited mining experience. Same, however, were only applicable to the domestic and sub-bituminous mines, and effective only until March 15th, 1943.

To December 31st, 198 of these certificates were issued, and while not wholly satisfactory, they gave considerable help to the mines at a time when same was most needed.

Samples of mine air were taken during the year by the inspectors, and sent to the Chemistry Branch of the Department of Mines, Ottawa, for analysis. This has been done in addition to tests made with the M.S.A. Methane and other gas detectors.

Samples of coal and coal-dust were collected and forwarded to the Industrial Research Council, University of Alberta, for analysis, and the coal-dust for tests as to inflammability.

All fatal and serious accidents have been investigated by the inspectors, who also attended the inquests held in their districts, this being in addition to the regular inspection of the mines. All complaints made to the Department were also investigated.

There were 14 prosecutions instituted for contraventions of The Mines Act, made up as follows: 1 operator, 2 managers, 2 overmen, 6 miners, 1 hoisting engineer, 1 roller repairer, and 1 haulage hand.

The protective equipment reported to us as being in use is as follows: 3,024 hard hats; 1,751 pairs of safety shoes; 734 pairs of goggles, and 245 pairs of knee caps. This is a considerable increase in the first three mentioned items compared with the year 1941.

Notwithstanding the gains made, several of the steam coal and also some of the sub-bituminous mines with high seams could greatly increase the number of hard hats in use with advantage to all concerned.

The use of purchased electrical power by the mines continues to increase, and more than 5½ million kilowatt hours were purchased than in 1941, the total being 41,491,573 k.w. hours for the year 1942.

During the year all the electrical plants and equipment at the mines were inspected, and at the end of 1942 there were 66 mines that were electrified and, in addition, 13 mines have electric miners' lamps, lighting or signals.

No strikes of a serious nature took place during the year, but some of a minor nature have occurred.

I regret to report that the number of fatal accidents for the year was 17. This compares with 48 in 1941, including 29 men killed in an explosion at the Brazeau Collieries, Ltd., Nordegg.

No explosions or ignitions of gas were reported during the year 1942.

A large number of mines that have previously been using Edison miners' electric lamps have now installed the latest models of these lamps, which not only provide a better light, but have other advantages.

It will be noted from the report that the use of explosives has increased in coal-getting in the Crowsnest Area, and while coal is very necessary to the war effort, the increased use of explosives is certainly not conducive to increasing safety in the class of mine, and the whole question of blasting in these mines may have to be considered.

One accident occurred on August 5th in No. 9 panel workings of the Cadomin Coal Co., Ltd., and resulted in the death of a fire-

boss and four other workmen. They were engaged in running coal from a battery when a rush of coal, which had become in a fluid state due to water, ran out, taking out the wing of the battery and catching the men.

Previous to the accident, an abnormally heavy rainfall had occurred, and it is believed some water had run into the mine saturating the soft coal. Very little warning appeared to have been given the men, and very little water was encountered afterwards. The coal that ran out was similar to washery sludge.

In the same panel at Cadomin, on November 10th, a fireboss and a miner met death by being overcome with methane gas.

A bump had occurred and was felt by most of the workmen in the panel. One was somewhat slow in withdrawing, and was overcome by the methane ejected. The fireboss evidently went up the angle to get him and was himself overcome, both being dead when taken out.

The large volume of methane gas given off suddenly at this mine still constitutes a problem in its operation, and it is intended to modify the present method of work in the hope it will tend to make the operation safer.

Recruitment from the mines also continues, and the labour situation is likely to become even more acute next fall than during the past season, unless something is done regarding the matter. An effort should be made by the authorities concerned to keep the domestic mines going steadily in order to retain their crews as far as possible.

The difficulty in obtaining experienced miners and other skilled help necessary to operate the mines has become increasingly difficult this year. Absenteeism amongst the miners has also increased.

A scarcity of certificated officials, such as fire-bosses and pit bosses, is beginning to arise, and some changes may have to be made in The Mines Act to meet the situation.

During the summer very heavy rainfalls occurred on the mountain sections, and flooding occurred in some of the mines in the Crowsnest and Mountain Park areas. This restricted output and caused considerable trouble.

On January 6th, the Honourable Mr. Justice A. F. Ewing, of the Supreme Court of Alberta, who had been appointed a Commissioner to enquire into the cause of the explosion that occurred in the No. 3 seam of the Brazeau Collieries, Ltd., Nordegg, on October 31st, 1941, opened his enquiry at Nordegg, and the hearings were concluded on January 16th, 1942. His Honour's report and findings have since been made public. This enquiry and other matters arising from the accident took up considerable of my time, as well as some of the other inspectors, during the year.

No new operations of importance have been started, but the West Canadian Collieries, Ltd., Blairmore, has done work on their Byron Creek property, preliminary to starting a mine there. The work will be driving entries along the outcrop and working rooms up the pitch. It is intended to haul the coal by truck to the Bellevue Mine, and the cleaning and preparation of the coal be done there.

Two mines have been opened at Luscar, similar to that described. A considerable tonnage is being obtained, the coal being hauled by truck and passed over the main tippie.

With the great demand for coal, other operations of a like nature are likely to start up this year. Cars should be taken in such cases to plan so as to safeguard the underlying coal, and also to provide outlet to the surface for the future ventilation of the lower workings.

Failure to have this carried out in the past has caused the loss of tremendous tonnages of coal, and also loss of life in some cases.

Very little coal has been produced in the Peace River Area (Halcourt and Grande Prairie) during 1942. The seams there are thin, and few of the mines that usually operate, opened up last fall. With the large population in that section of the country, the fuel problem is likely to become very serious next winter, and steps should be taken by those concerned to meet the situation.

The shortage of labour has caused some of the mines to increase the use of loading machines. At Cadomin, all the mucking in the rock tunnels is now being done with Emrico-Finlay loaders, and in the Province 29 Goodman duckbill loaders are in service in the different mines, loading from the face on to the accompanying conveyors.

The following are some of the most important points covering plant changes and other improvements that have been made during the year at the different mines:

At No. 8 Mine of the Lethbridge Collieries, Ltd., a new recovery and air cleaning plant to recover small coal from refuse and pickings off the tables, and also to treat all standard coal from the mine below 1½ inch round perforated screen has been constructed.

A borehole with transmission line equipped with transformers 2300-200 volts, to transmit power for underground work, has been completed.

One Goodman permissible coal-cutter has been installed, two Goodman duckbill units with drive leads and conveyor pans, three Chicago pneumatic hand drills, five Meco blowers, and other underground equipment, washhouse extension and other plant improvements have been made at this time.

At the Standard Mine of this company, one Goodman duckbill loader with conveyor was installed underground. Additions were made to the screening plant and also to the repair shop.

At the new mine being developed by the J. J. Hamilton Coal Co., near Lethbridge, a new main shaft 8ft. by 9ft. has been sunk 235 feet to the coal. A temporary change-house has been erected and considerable other work done. An increased output can be expected from this mine.

In the same district, the Kerralta Coal Co. has sunk a new air shaft 5 ft. by 5 ft., 140 feet to the coal. A centrifugal pump and other equipment has also been installed.

At the strip pit operated by Victor W. Campbell near Grassy Lake, in the Taber Area, a new power shovel has been purchased and is now in use.

At the International Mine, Coleman, a 6ft. by 3ft. double inlet reversible Jeffrey fan is being installed, and is to be driven by a



150 H.P. motor. It is expected to deliver about 100,000 cubic feet of air per minute with a 2inch W.G.

Few extensions have been made in the tippie, but a housing of reinforced concrete has been made for the Vissac dryer and conveyor. The use of steel arching is being tried out at this mine. The length of the "A" level rock tunnel is now well over 10,000 feet from the portal.

At the Greenhill Mine, Blairmore, various changes have been made, both above and below ground. A new sink and float washer have been installed, also two new Dillion screens.

The washhouse has been increased in length by 25 feet and 100 extra lockers installed. At the Bellevue Mine of the same company, a new crusher has been put in at the tippie. Two new prospects are being opened near the outcrop about a mile north-west of the Bellevue Mine entrance.

At the Mohawk Mine, Bellevue, considerable work has been done in prospecting and proving up the seams there. A new Goodman duckbill loader and a shortwall undercutter have been installed, also various electrical installations and additions.

A new 1,700 cubic foot per minute Canadian Ingersoll Rand Air compressor driven by a 300 H.P. English electric comp. motor, to meet the demand for more compressed air, has been put into service at this mine.

A new Aerovane type fan driven by a 20 H.P. Canadian General Electric motor was installed at the outcrop near the main slope hoist to assist in the ventilation of the upper levels.

At the Cadomin Mine the work of driving the rock tunnels to the east of the shaft has been carried on for some time, and good progress made. It is intended to develop workings on the east side from these tunnels in a manner similar to that now carried on in the west side.

A Vissac dryer has been installed on the surface for the purpose of drying small coal, sizes up to  $\frac{3}{4}$ in. at a rate of 75 tons per hour. This unit is separate from the tippie.

At Foothills Collieries, Ltd., a 1,000 cubic foot capacity compressor has been installed for the purpose of providing power for air-driven coal-cutters which are to be installed.

Transformers and other additions to the electrical equipment have been made at this mine.

At the McLeod River Mine, Mercoal, the slope has been sunk another 500 feet, and entries started east and west off same.

A Keith single inlet fan of 75,000 cubic feet capacity has been installed at the top of No. 19 heading, also a single drum electrically driven hoist at the same location. A new hoist at the top of the main slope has been put in.

Various extensions to electrical equipment and compressed air lines, together with a 1,500 cubic foot per minute compressor, also a 400 K.W. generator and condensing unit, and two H.R.T. boilers of 150 H.P. each.

A new office building, three modern houses, 26, 2-room cottages and other improvements and extensions have been made.

A Mancha storage battery locomotive of 7½ tons capacity and charging unit have been installed underground at this mine for haulage purposes.

At the Lakeside Mine, Robb, a 350 H.P. Allis Chalmers generator was installed, also a fan to ventilate the east side, and a new pump.

In the Drumheller district, the Empire Collieries, Ltd., East Coulee Mine, installed one Goodman shortwall under-cutting machine and one 4-foot disc fan driven by a 15 H.P. motor.

The Hy-Grade Mine has made considerable additions both above and below ground to their electrical machinery.

The Western Crown Mine has completed the tippie, and the Newcastle Collieries constructed a slack bin of a capacity of 60 tons.

At the Commander Mine, a shaft 12ft. by 20ft. has been sunk to the coal seam, which at present is being used as an airshaft, but later will be the main hoisting shaft.

The Regal Mine installed one Goodman battery locomotive and charging set. The Minute Mine put into service one C.E. 7 Sullivan coal-cutting machine.

The Red Deer Valley Mine has installed at their mine one new water tank, 18 ft. diameter by 19 feet high. One store room, 26ft. by 24ft., and one hospital, 26ft. by 8ft have been built.

Installations of detaching hooks for over-winding also were made.

In the Edmonton-Camrose district no new developments or improvements of special importance have been noted, but fan installations and other improvements in some cases have been carried out.

The Brazeau Collieries, Ltd., Nordegg, has installed a number of pneumatic picks, shot-firing having been eliminated since the explosion.

A new unit has been added to the briquetting plant, and over 60 new cottages have also been built.

At the Camrose Mines, Canmore, 3 additional duckbill loaders have been installed, these discharging on to a rubber belt 800 feet long, which has also been put in this year.

During the year, Mr. John T. Burton resigned his position as District Inspector of Mines at Drumheller, to accept a position as Mine Manager of the Hy-Grade Mine, and was succeeded by Mr. J. A. Dutton, who formerly had been manager at Mountain Park Coals, Ltd., Mountain Park.

## ANNUAL PRODUCTION OF COAL FROM MINES IN THE PROVINCE OF ALBERTA

The following table is taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada" for the year 1941:

Calendar Year	Short Tons	Value
1886 .....	43,220	\$ 81,112
1887 .....	74,152	157,577
1888 .....	115,124	183,354
1889 .....	97,364	179,640
1890 .....	128,753	198,298
1891 .....	174,131	437,243
1892 .....	178,970	460,605
1893 .....	230,070	586,260
1894 .....	184,940	473,827
1895 .....	169,885	382,526
1896 .....	209,162	581,832
1897 .....	242,163	630,408
1898 .....	315,088	787,720
1899 .....	309,600	774,000
1900 .....	311,450	778,625
1901 .....	340,275	850,687
1902 .....	402,819	960,601
1903 .....	495,893	1,117,541
1904 .....	661,732	1,404,524
1905 .....	931,917	1,993,915
1906 .....	1,246,360	2,614,762
1907 .....	1,591,579	3,836,286
1908 .....	1,685,661	4,127,311
1909 .....	1,994,741	4,838,109
1910 .....	2,894,469	7,065,736
1911 .....	1,511,036	3,979,264
1912 .....	3,240,577	8,113,525
1913 .....	4,014,755	10,418,941
1914 .....	3,683,015	9,350,392
1915 .....	3,360,818	8,283,079
1916 .....	4,559,054	11,386,577
1917 .....	4,736,368	14,153,685
1918 .....	5,972,816	20,537,287
1919 .....	4,933,660	18,205,205
1920 .....	6,907,765	30,186,933
1921 .....	5,909,217	27,246,514
1922 .....	5,990,911	24,351,913
1923 .....	6,854,397	28,018,303
1924 .....	5,189,729	18,884,318
1925 .....	5,869,031	20,021,484
1926 .....	6,503,705	20,886,103
1927 .....	6,934,162	21,982,058
1928 .....	7,336,330	23,532,414
1929 .....	7,150,693	22,928,182
1930 .....	5,755,528	18,063,225
1931 .....	4,564,015	13,342,675
1932 .....	4,870,648	13,526,309
1933 .....	4,718,788	12,307,258
1934 .....	4,753,810	12,556,099
1935 .....	5,462,894	14,094,795
1936 .....	5,696,960	14,659,705
1937 .....	5,562,839	14,563,911
1938 .....	5,251,233	13,698,470
1939 .....	5,519,208	14,415,281
1940 .....	6,203,839	16,377,959
1941 .....	6,969,962	19,382,471
<b>Total .....</b>	<b>181,017,281</b>	<b>\$554,956,834</b>

NOTE: Production quantities and values prior to 1919 refer to sales and colliery consumption. From 1919 to 1941 the mine output figures are given.

## THE MINES BRANCH

## ANNUAL CONSUMPTION OF COAL IN CANADA, 1902-1941

The following revised table is taken from the report issued by the Dominion Bureau of Statistics for the year 1941:

Year	Canadian*		Imported coal "Entered for consumption"				Total		Per Capita
			From U.S.A.	From Great Britain	'Total'				
	Short tons	%	Short tons	Short tons	Short tons	%	Short tons		
1902	5,376,413	53.1	4,656,286	101,726	4,734,559	46.9	10,110,972	1,840	
1903	6,005,735	47.3	6,520,931	184,593	6,678,450	52.7	12,684,185	2,245	
1904	6,697,183	47.9	7,238,869	85,687	7,297,482	52.1	13,994,665	2,402	
1905	7,032,661	49.4	7,233,738	68,500	7,215,446	50.6	14,249,107	2,374	
1906	7,927,560	50.5	7,787,338	67,014	7,758,325	49.5	15,685,885	2,573	
1907	8,617,352	45.0	10,588,697	54,325	10,549,503	55.0	19,166,855	2,990	
1908	8,156,478	47.3	10,203,335	97,514	10,195,424	52.7	19,351,902	2,921	
1909	8,913,376	47.9	9,805,253	67,671	9,711,826	52.1	18,625,202	2,739	
1910	10,532,103	50.2	10,545,451	51,541	10,437,123	49.8	20,970,226	3,001	
1911	9,822,749	40.5	14,510,129	48,963	14,424,949	59.5	24,247,698	3,364	
1912	12,385,696	46.0	14,557,124	38,668	14,549,104	54.0	26,934,800	3,645	
1913	13,450,158	42.6	18,145,769	37,825	18,132,387	57.4	31,582,545	4,138	
1914	12,214,403	45.5	14,687,853	33,101	14,637,920	54.5	26,852,323	3,408	
1915	11,500,480	48.1	12,450,796	13,098	12,406,212	51.9	23,906,692	2,995	
1916	12,348,036	41.3	17,576,202	4,401	17,517,820	58.7	29,865,856	3,733	
1917	12,313,603	37.2	20,848,009	9,451	20,810,132	62.8	33,123,735	4,110	
1918	13,160,731	37.8	21,674,826	3,761	21,611,101	62.2	34,771,832	4,268	
1919	11,611,168	40.3	17,292,913	344	17,236,269	59.7	28,847,437	3,471	
1920	14,025,566	42.9	18,752,981	1,591	18,668,741	57.1	32,694,307	3,821	
1921	12,715,734	41.1	18,300,081	765,980	18,258,387	58.9	30,974,121	3,525	
1922	13,044,352	50.2	12,255,555	572,570	12,962,189	49.8	26,006,541	2,916	
1923	15,070,962	41.8	20,417,239	317,112	20,967,971	58.2	36,038,933	4,060	
1924	12,529,358	42.8	16,405,344	604,117	16,714,143	57.2	29,243,501	3,198	
1925	12,125,290	42.6	15,744,957	287,299	16,331,971	57.4	28,457,261	3,062	
1926	15,086,296	46.7	16,204,405	287,299	16,565,555	52.3	31,651,851	3,349	
1927	15,944,983	47.7	17,266,434	907,220	18,177,303	53.3	34,122,286	3,541	
1928	16,487,807	50.0	15,830,688	682,755	16,515,582	50.0	33,003,389	3,356	
1929	16,387,461	48.0	16,780,052	843,502	17,724,132	52.0	34,111,593	3,401	
1930	14,052,671	43.3	16,971,933	1,144,861	18,412,039	56.7	32,464,710	3,180	
1931	11,693,793	47.7	11,793,798	1,987,442	12,828,327	52.3	24,511,106	2,362	
1932	11,212,701	49.0	9,889,866	1,727,716	11,654,492	51.0	22,867,193	2,177	
1933	11,456,273	51.5	8,866,935	1,942,875	10,806,962	48.5	22,265,235	2,085	
1934	13,236,406	51.1	10,580,710	1,981,116	12,651,168	48.9	25,867,574	2,392	
1935	13,306,303	53.1	9,618,518	1,822,500	11,735,835	46.9	25,042,138	2,290	
1936	14,508,642	53.3	10,801,643	1,498,656	12,719,515	46.7	27,228,167	2,469	

1937	15,172,729	51.5	12,574,574	1,211,052	14,268,585	48.5	29,441,314	2,648
1938	13,850,094	53.5	10,754,747	1,257,887	12,012,634	46.5	25,812,728	2,281
1939	14,902,915	50.7	12,838,347	1,099,419	14,479,668	49.3	29,382,583	2,597
1940	16,666,234	49.5	15,509,778	1,514,458	17,036,090	50.5	33,702,324	2,960
1941	17,227,151	49.3	.....	.....	20,026,082	50.7	37,253,233	3,238

\*The sum of Canadian coal-mine sales, colliery consumption, coal supplied to employees, and coal used in making coke, etc., less the tonnage of coal exported.

†Includes small tonnages from countries other than Great Britain and the United States. Deductions have been made to take account of foreign coal re-exported from Canada and bituminous coal ex-warehoused for ships' stores.

## THE MINES BRANCH

The following table shows the quantity of coke imported into Canada during the years 1940, 1941, and 1942 through ports in the Provinces, compiled from information from the Dominion Bureau of Statistics:

Ports in Province of	1940 Coke		1941 Coke		1942 Coke	
	Made from Petroleum	Made from Coal	Made from Petroleum	Made from Coal	Made from Petroleum	Made from Coal
Nova Scotia .....		1,116		2,011		111
Quebec .....	107,776	32,572	104,698	34,195	158,269	45,808
Ontario .....	77,105	676,552	130,613	567,412	154,532	646,799
Manitoba .....		8,498	45	10,295		24,768
Saskatchewan .....				27		
British Columbia .....	453	600	496	477	116	1,021
Alberta .....						1,608
Total.....	185,334	719,338	235,852	614,417	312,917	720,113

Figures on Imports of Coke into Canada, by Countries, not available for the duration.

Quantity of coal in tons entered for consumption for each year since 1919, through ports in the Provinces of Ontario, Manitoba, Saskatchewan, Alberta, British Columbia and Yukon.

## BITUMINOUS COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia & Yukon	Total Canada
1919	7,641,682	483,991	59,253	1,063,793	9,248,719	62,746	1,406	1,131	6,709	12,010,490
1920	10,261,237	571,879	111,957	1,391,709	12,336,903	43,547	1,535	1,323	13,123	15,902,632
1921	8,605,872	659,763	127,956	1,316,155	10,709,746	76,833	2,127	1,897	17,081	13,536,250
1922	7,424,171	445,019	68,082	1,517,250	9,454,522	74,848	1,484	1,147	13,966	11,563,467
1923	11,621,859	619,037	95,439	1,731,667	14,068,002	112,134	1,607	1,110	17,919	17,517,108
1924	8,763,676	403,388	70,259	1,500,525	10,737,848	143,607	2,422	1,209	25,049	12,619,082
1925	9,100,462	286,984	81,173	497,264	9,884,710	147,758	1,732	1,175	40,286	13,015,323
1926	10,531,095	199,908	83,182	965,105	11,696,108	149,374	1,887	1,515	22,992	13,802,242
1927	11,572,678	221,694	90,864	1,273,691	13,158,927	142,860	2,141	1,324	22,648	15,178,640
1928	10,539,408	194,718	103,594	1,481,228	12,318,948	97,002	2,536	1,360	18,682	13,966,183
1929	11,232,027	143,889	100,141	1,591,656	13,067,713	38,801	2,477	1,327	18,526	14,585,275
1930	10,421,748	165,499	70,403	1,297,939	11,955,589	24,898	1,816	1,351	8,896	13,345,308
1931	8,553,736	86,810	65,738	609,279	9,315,563	7,041	1,535	912	2,308	10,347,280
1932	6,867,307	62,019	48,915	691,831	7,670,072	12,298	1,459	830	3,582	8,532,318
1933	7,038,386	74,534	30,103	482,206	7,625,634	13,213	1,327	998	26,077	10,268,945
1934	8,472,143	126,671	37,085	602,510	9,238,409	12,103	1,235	1,302	3,722(a)	10,549,457(b)
1935	8,032,739	6,033	53,145	591,810	8,683,727	9,918	852	1,136	3,524(c)	10,200,253(e)
1936	8,448,795	156,229	67,784	698,950	9,361,758	14,101	847	1,205	2,540(g)	12,241,270(h)
1937	9,946,567	128,595	69,598	820,160	10,964,920	12,079	743	1,293	9,567,334(i)	13,578,705(x)
1938	7,981,712	113,746	56,806	696,371	8,850,635	9,061	783	1,116	2,701(k)	9,903,613(o)
1939	8,035,174	77,532	53,772	528,887	8,695,365	15,035	862	990	1,808(n)	13,578,705(x)
1940	11,312,806	28,363	30,138	503,782	11,875,089	7,066	692	795	2,591	17,867,068
1941	13,910,140	.....	.....	.....	14,731,647	10,021	671	1,062	1,646	20,807,005
1942	14,397,298	.....	.....	.....	15,954,838	21,568	773	789	1,573	.....

NOTE: Figures for Port Arthur, Fort Frances and Fort William omitted for duration.

(x) Consists of 13,382,389 tons from the United States and 196,316 tons from Great Britain.

## ANTHRACITE COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia & Yukon	Total Canada
1919	2,977,913	119,234	559	346,442	3,444,148	12,906	.....	66	136	4,972,283
1920	2,943,134	69,206	2,648	226,476	3,221,462	17,509	206	517	75	4,912,964
1921	2,809,189	67,782	138	198,108	3,070,217	33,473	254	66	251	4,567,370
1922	1,586,324	21,507	112	36,018	1,644,461	14,713	231	.....	1,261	2,693,957
1923	3,061,779	28,229	429	54,329	3,144,766	55,956	2,291	.....	1,174	5,167,881
1924	2,599,568	4,775	237	84,513	2,689,093	34,222	1,720	.....	697	4,183,594
1925	2,203,281	37	170	50,731	2,254,049	34,396	702	30	246	3,798,444
1926	2,458,674	.....	56	60,810	2,519,494	17,990	464	.....	5,202	4,242,932
1927	2,123,515	.....	51	79,283	2,202,849	15,885	484	.....	3,812	4,063,619
1928	2,179,022	.....	42	57,494	2,236,558	10,130	579	.....	2,241	3,737,333
1929	2,246,063	352	303	52,369	2,299,087	9,180	365	.....	597	4,019,917
1930	2,080,457	.....	224	45,241	2,125,922	8,323	367	.....	1,123	4,256,090
1931	1,615,643	.....	.....	18,302	1,633,945	3,695	.....	.....	33	3,178,141
1932	1,250,755	.....	3	12,677	1,263,435	3,800	.....	3	702	3,138,157
1933	1,129,041	.....	8	8,742	1,137,791	5,669	57	75	3,657	3,035,613
1934	1,374,881	.....	3,030	7,934	1,385,845	6,086	.....	.....	282	3,537,309
1935	1,370,119	.....	19	9,455	1,379,593	5,852	49	.....	1,600	3,451,318(e)
1936	1,436,613	.....	135	16,350	1,453,098	5,884	58	.....	1,151	3,530,040(f)
1937	1,608,653	.....	8	21,052	1,629,713	5,639	66	34	61	3,572,268(j)
1938	1,697,601	.....	69	16,050	1,713,720	4,674	39	.....	280	3,714,001(m)
1939	2,043,142	.....	297	18,459	2,061,898	4,696	.....	33	.....	3,977,805(p)
1940	2,033,585	.....	.....	10,571	2,044,156	4,466	34	.....	236	3,964,862(q)
1941	2,343,406	.....	.....	.....	2,362,433	10,021	.....	16	30	3,940,859
1942	2,807,479	.....	.....	.....	2,816,165	7,093	.....	23	.....	4,802,023

\*These figures show the total imports and not the tonnages entered for consumption.

- (a) Includes imports into the Yukon Territory of 10 tons in July and 10 tons in October.  
 (b) Consists of 9,168,428 tons imported from the United States, 380,645 tons imported from Great Britain, 43 tons imported from Alaska, 285 tons imported from Norway, 55 tons imported from Estonia and 1 ton imported from Poland.  
 (c) Consists of 1,670,085 tons imported from the United States, 1,454,521 tons imported from Great Britain, 205,045 tons imported from Germany, 67,220 tons imported from Belgium and 54,447 tons imported from French Indo-China.  
 (d) Includes imports into the Yukon Territory of 4 tons in April, 3 tons in May, 6 tons in June, 45 tons in July and 2 tons in October.  
 (e) Consists of 10,042,127 tons imported from the United States, 149,905 tons imported from Great Britain, 9,421 tons imported from Germany, 361 tons imported from Norway, 124 tons imported from Denmark, 45 tons imported from Sweden, 35 tons imported from the Netherlands, 134 tons imported from Estonia, and 286 tons imported from Newfoundland.  
 (f) Consists of 1,685,848 tons imported from the United States, 1,331,279 tons imported from Great Britain, 359,994 tons imported from Germany, 33,543 tons imported from Belgium, 122,572 tons imported from French Indo-China, 16,231 tons imported from the Netherlands, and 1,120 tons imported from China.  
 (g) Includes imports into the Yukon Territory of 4 tons in March, 6 tons in May, 6 tons in June, 45 tons in July and 2 tons in October.



- (h) Consists of 12,333,378 tons imported from the United States, 56,073 tons imported from Great Britain, 54,061 tons imported from Germany, 113 tons imported from Norway, and 200 tons imported from Estonia.
- (j) Consists of 2,003,317 tons imported from the United States, 1,134,855 tons imported from Great Britain, 258,257 tons imported from Germany, 8,131 tons imported from Belgium, 154,495 tons imported from Russia, and 78 tons imported from Morocco.
- (k) Includes imports into the Yukon Territory of 8 tons in March, 10 tons in July and 8 tons in October.
- (l) Consists of 9,644,020 tons imported from the United States, 65,957 tons from Great Britain, 34,258 tons imported from Germany and 417 tons from Japan.
- (m) Consists of 1,973,610 tons from the United States, 1,199,131 tons from Great Britain, 407,031 tons from Germany, 34,182 tons from Belgium, 14,952 tons from Russia, 19,645 tons from Morocco, 37,594 tons from the Netherlands, and 30,302 tons from French Indo-China.
- (n) Includes imports into the Yukon Territory of 15 tons in July and 8 tons in December.
- (o) Consists of 9,836,110 tons from the United States, 67,483 tons from Great Britain and 20 tons from Norway.
- (p) Consists of 2,605,765 tons from the United States, 1,034,901 tons from Great Britain, 293,602 tons from Germany and 43,537 tons from French Indo-China.
- (q) Consists of 2,643,588 tons from the United States and 1,321,274 tons from Great Britain.

## THE MINES BRANCH

Imports of Coal into Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, Yukon and Canada, by months during 1942 (short tons):

## BITUMINOUS COAL

Month	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Total Man., Alta., B.C. and Yukon	Total Canada
January	506,105	.....	.....	.....	509,451	1,443	40	32	301	.....	1,816	686,274
February	382,654	.....	.....	.....	385,666	1,148	32	157	93	8	1,231	575,864
March	402,356	.....	.....	.....	405,000	913	74	135	93	.....	1,237	536,377
April	1,040,400	.....	.....	.....	1,049,432	377	117	40	135	.....	669	1,397,632
May	1,507,927	.....	.....	.....	1,592,172	381	75	40	137	.....	633	2,176,496
June	1,628,233	.....	.....	.....	1,738,480	763	123	166	221	.....	1,273	2,274,977
July	1,563,227	.....	.....	.....	1,722,998	1,756	119	82	95	.....	2,052	2,338,113
August	1,591,960	.....	.....	.....	1,786,590	2,252	193	40	.....	.....	2,485	2,364,551
September	1,683,938	.....	.....	.....	1,979,753	1,797	.....	49	155	.....	2,001	2,466,064
October	1,719,344	.....	.....	.....	2,015,092	2,847	.....	143	55	.....	3,045	2,483,993
November	1,420,380	.....	.....	.....	1,723,785	2,784	.....	.....	86	.....	2,870	2,112,091
December	950,774	.....	.....	.....	1,046,409	5,107	.....	40	194	.....	5,341	1,294,033
Total	14,397,298	.....	.....	.....	15,954,838	21,568	773	789	1,565	8	24,703	20,807,005

## ANTHRACITE COAL

Month	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Total Man., Alta., B.C. and Yukon	Total Canada
January	156,164	.....	.....	.....	156,164	487	.....	.....	.....	.....	487	247,293
February	174,649	.....	.....	.....	174,649	359	.....	.....	.....	.....	359	267,342
March	222,091	.....	.....	.....	222,091	407	.....	.....	.....	.....	407	342,252
April	223,863	.....	.....	.....	223,863	463	.....	.....	.....	.....	463	333,911
May	245,169	.....	.....	.....	248,141	315	.....	.....	.....	.....	315	391,396
June	224,860	.....	.....	.....	224,860	526	.....	.....	.....	.....	526	400,620
July	247,167	.....	.....	.....	247,167	623	.....	.....	.....	.....	623	467,308
August	286,035	.....	.....	.....	286,035	411	.....	.....	.....	.....	411	545,192
September	281,487	.....	.....	.....	281,487	267	.....	.....	.....	.....	267	506,404
October	269,425	.....	.....	.....	269,425	388	.....	.....	.....	.....	388	497,395
November	239,048	.....	.....	.....	244,214	355	.....	.....	207	.....	562	404,855
December	237,521	.....	.....	.....	238,069	2,492	.....	23	.....	.....	2,515	398,055
Total	2,807,479	.....	.....	.....	2,816,165	7,093	.....	23	207	.....	7,323	4,802,023

NOTE.—Figures for Fort Frances, Fort William and Port Arthur not available for the duration.



## THE MINES BRANCH

## MINERAL PRODUCTION OF ALBERTA, 1940 AND 1941

Prepared in the Mining, Metallurgical and Chemical Branch, Ottawa, Canada

	1940		1941	
	Quantity	Value	Quantity	Value
<b>METALLICS:</b>				
Gold, fine ounces .....	215	\$ 8,277	215	\$ 8,277
Silver, fine ounces .....	20	8	21	8
<b>NON-METALLICS:</b>				
Coal, short tons .....	6,203,839	16,377,959	6,969,962	19,382,471
Natural Gas, M.Cu.ft. ....	27,459,808	4,923,469	30,905,440	5,175,364
Peat Moss, tons .....			421	5,005
Petroleum, barrels .....	8,362,203	10,694,394	9,918,577	13,985,906
Salt, tons .....	6,742	185,430	16,617	260,995
Sodium sulphate, tons .....	10	50	8	32
<b>CLAY PRODUCTS AND OTHER</b>				
<b>STRUCTURAL MATERIALS:</b>				
Cement, barrels .....	414,183	832,508	492,515	985,030
Clay products .....		838,856		952,144
Lime:				
Quicklime, tons .....	16,421	145,210	17,276	144,556
Hydrated, tons .....	451	4,510	674	6,740
Sand and gravel, tons .....	1,722,465	1,069,667	956,484	433,504
Stone, tons .....	3,981	11,999	7,942	24,303
<b>Total .....</b>		<b>\$35,092,337</b>		<b>\$41,364,385</b>

Particulars with reference to the coal-mining industry in the Province of Alberta during the year ending December 31, 1942:

## SUMMARY OF STATISTICS

Tonnage stripped by farmers under domestic permits .....	145
Number of short tons of coal produced .....	7,754,279
Number of short tons of briquettes made .....	197,905
Number of short tons of coke produced .....	71,572
Number of short tons of shale produced .....	29,115
Number of coal-mines in operation during the year .....	204
Number of mines opened during the year .....	6
Number of mines re-opened during the year .....	
Number of mines closed during the year .....	13
Number of mines abandoned during the year .....	15
Number of shale pits in operation during the year .....	5
Number of mines in operation at December 31, 1942 .....	180
69 mines or 33.83% of total operating produced .....	42% of the output.
55 mines or 26.96% of total operating produced .....	1.54% of the output.
16 mines or 7.84% of total operating produced .....	1.42% of the output.
28 mines or 13.73% of total operating produced .....	7.80% of the output.
11 mines or 5.39% of total operating produced .....	9.88% of the output.
7 mines or 3.43% of total operating produced .....	10.15% of the output.
4 mines or 1.96% of total operating produced .....	8.44% of the output.
7 mines or 3.43% of total operating produced .....	23.29% of the output.
7 mines or 3.43% of total operating produced .....	37.06% of the output.
Average number of persons employed below ground .....	5,865
Average number of persons employed above ground .....	2,175
Number of separate accidents causing loss of life .....	12
Number of deaths caused by accidents above ground .....	1
Number of deaths caused by accidents below ground .....	16
Number of serious accidents above ground .....	17
Number of serious accidents below ground .....	75
Number of slight accidents above ground .....	22
Number of slight accidents below ground .....	126
Total purchased electrical power (Kilowatt hours) .....	41,491,573
Number of prosecutions instituted .....	14
Number of Provisional Certificates (overman) issued in 1942 .....	93
Number of Certificates of Competency as Coal Miners in 1942 .....	467
Number of Third Class Certificates issued in 1942 .....	18
Number of Second Class Certificates issued in 1942 .....	13
Number of First Class Certificates issued in 1942 .....	4
Number of Mine Electricians' Certificates issued in 1942 .....	4
Total number of Third Class Certificates to December 31, 1942 .....	1,536
Total number of Second Class Certificates to December 31, 1942 .....	511
Total number of First Class Certificates to December 31, 1942 .....	263
Total number of Mine Surveyors' Certificates to December 31, 1942 .....	197
Total number of Mine Electricians' Certificates to December 31, 1942 .....	115
Total number of Interchange First Class Certificates to December 31, 1942 .....	5
Total number of Certificates of Competency as Coal Miners issued to December 31, 1942 .....	16,966

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In the following tables the short ton of 2,000 lbs. is used in all cases.

Year	Output in tons for N.W.T. (Alta. & Sask.)	Output in tons for Alberta
1901	346,649	
1902	510,674	
1903	622,939	
1904	782,931	
1905		811,228
1906		1,385,000
1907		1,834,745
1908		1,845,000
1909		2,174,329
1910		3,036,757
1911		1,694,564
1912		3,446,349
1913		4,306,346
1914		3,821,739
1915		3,434,891
1916		4,638,604
1917		4,863,414
1918		6,148,620
1919		5,022,412
1920		6,908,923
1921		5,937,195
1922		5,976,432
1923		6,866,923
1924		5,203,713
1925		5,883,394
1926		6,508,908
1927		6,936,780
1928		7,334,179
1929		7,147,250
1930		5,755,911
1931		4,564,290
1932		4,870,030
1933		4,714,784
1934		4,748,848
1935		5,462,973
1936		5,696,375
1937		5,551,682
1938		5,230,025
1939		5,518,105
1940		6,205,088
1941		6,970,064
1942		7,754,279

## PARTICULARS OF WORK DONE IN SHALE MINES IN THE PROVINCE DURING 1942:

Output of shale (in tons) used making bricks	22,982
Output of shale (in tons) making hollow tile	6,133
Number of shifts worked	13,409
Average number of men employed	53
Explosives used (pounds), 40% dynamite	3,301
Number of shots fired using fuse	1,494
Total number of bricks made	10,760,526
Total number of bricks put to stock	
Total number of bricks lifted from stock	218,591
Bricks sold for use in:	
Alberta	4,848,266
British Columbia	2,108,885
Saskatchewan	2,565,406
Manitoba	1,389,560
Ontario	62,500
North West Territories	4,500
Total	10,979,117
Hollow tile made (tons)	5,879
Hollow tile put to stock (tons)	916
Hollow tile sold	5,178
Hollow tile lifted from stock	215

## PARTICULARS OF WORK DONE BY FARMERS STRIPPING COAL UNDER DOMESTIC PERMIT

Tonnage	145
Number of days worked during the year	35
Number of men employed during the year	28
Total number of shifts worked	67
Total number of permits issued	17
Total number of permits used	15

The above coal was stripped for domestic use only, and not for sale.

## THE MINES BRANCH

CLASSIFICATION OF OUTPUT DURING THE YEARS 1901 TO 1942 (INCLUSIVE)

Year	Domestic	Domestic and Bituminous	Sub-bituminous	Bituminous	Anthracite	Coal used in Coke production	Briquettes	Coke
1901*	.....	331,907	.....	.....	14,742	.....	.....	.....
1902*	.....	494,087	.....	.....	16,587	.....	.....	.....
1903*	.....	617,754	.....	.....	5,185	.....	.....	.....
1904*	.....	759,568	.....	.....	23,363	.....	.....	.....
1905*	.....	972,686	.....	.....	43,653	.....	.....	46,640
1906	602,780	.....	.....	546,623	235,597	71,292	.....	.....
1907	639,335	.....	.....	939,295	256,115	103,930	49,585	69,844
1908	584,324	.....	.....	1,001,571	249,095	112,887	36,261	73,782
1909	763,673	.....	.....	1,137,399	213,257	128,397	89,785	75,657
1910	878,011	.....	.....	1,896,961	261,765	148,104	108,996	87,812
1911	964,700	.....	.....	643,745	80,119	196,349	48,200	121,578
1912	1,341,389	.....	.....	1,926,371	178,589	61,591	30,000	35,984
1913	1,763,225	.....	.....	2,374,401	168,720	170,818	90,000	105,684
1914	1,687,401	.....	.....	1,953,367	170,971	104,012	130,861	63,167
1915	1,682,922	.....	.....	1,626,237	125,732	44,249	109,082	29,058
1916	2,172,801	.....	.....	2,335,259	140,544	38,878	83,180	23,826
1917	2,537,829	.....	.....	2,206,868	118,717	67,105	107,959	41,950
1918	3,035,061	.....	.....	2,982,334	131,225	51,905	93,818	31,630
1919	3,611,009	.....	.....	2,325,787	85,616	53,462	100,470	32,858
1920	3,359,309	.....	.....	3,419,021	130,594	.....	70,033	.....
1921	2,943,141	.....	.....	2,897,380	96,674	.....	101,693	.....
1922	3,086,669	.....	635,073	2,214,273	40,417	.....	62,466	.....
1923	3,161,741	.....	459,869	3,245,313	.....	.....	33,663	.....
1924	3,096,660	.....	585,765	1,521,288	107	.....	39,638	.....
1925	3,156,359	.....	581,835	2,145,200	.....	.....	.....	.....
1926	3,160,029	.....	490,371	2,858,508	.....	.....	791	.....
1927	3,357,171	.....	595,190	2,984,419	.....	.....	11,381	.....
1928	3,378,200	.....	740,498	3,215,481	.....	287	20,649	173
1929	3,385,749	.....	668,108	3,093,393	.....	.....	24,768	.....
1930	2,874,090	.....	603,331	2,278,490	.....	.....	28,167	.....
1931	2,246,544	.....	471,889	1,846,357	.....	.....	24,111	.....
1932	2,576,831	.....	559,479	1,733,720	.....	.....	15,102	2,183
1933	2,484,047	.....	554,141	1,726,566	.....	4,591	13,582	49,279
1934	2,295,566	.....	537,942	1,913,740	.....	75,275	14,935	59,703
1935	2,647,912	.....	566,436	2,248,625	.....	91,745	15,908	63,428
1936	2,841,231	.....	566,486	2,299,658	.....	96,233	18,812	65,239
1937	2,631,150	.....	506,529	2,414,003	.....	97,353	21,015	65,967
1938	2,453,263	.....	488,912	2,287,850	.....	103,498	39,239	68,692
1939	2,449,199	.....	512,105	2,556,801	.....	103,191	46,510	68,913

1940	2,537,205	598,686	3,069,197	105,926	66,127	70,753
1941	2,713,254	585,453	3,671,357	105,390	126,188	70,354
1942	3,213,113	733,347	3,807,619	107,410	197,905	71,572

\*Includes output from Alberta and Saskatchewan. Previous to 1922 sub-bituminous was included in bituminous coal.

During the year 1909 a strike affecting all the larger mines in the Province, lasted for a period of three months.  
During the year 1911 a strike affecting all the larger mines in the Province, lasted for a period of eight months.  
During the year 1917 a strike affecting all the larger mines in the Province, lasted for a period of three months.  
During the year 1919 a strike affecting all the larger mines in the Province, lasted for a period of three months.  
During the year 1922 a strike affecting all the larger mines in the Province, lasted for a period of three months.  
During the year 1924 a strike affecting all the larger mines in the Province, lasted for a period of five months.  
During the year 1924 a strike affecting all the larger mines in the Province, lasted for a period of six and one-half months.





How total output of DOMESTIC COAL from the Province was disposed of by Areas during 1942:

	Sold for Consumption in					Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskat- chewan	Manitoba	Ontario	United States							
Ardley .....	5,938						5,938		437	15	30		5,938
Big Valley .....	4,204				82		4,286						4,708
Brooks .....	13,949						13,949	148					14,097
Camrose .....	47,411		1,105	40			48,556	328		894		2,151	47,627
Carbon .....	50,081	1,145	7,385	2,217	477	164	61,469	985	1,210	1,433	610		63,750
Castor .....	40,190	200	480				40,870	179					42,482
Champion .....	12,305						12,305			64			12,369
Drumheller .....	318,440	112,084	913,289	282,310	136,211	2,811	1,765,145	10,461	20,957	19,266	22,184	8,624	1,785,021
Edmonton .....	499,099	1,930	4,913	2,733	82		508,757	4,797	1,457	405	937		514,479
Gleichen .....	21,929						21,929			50			21,979
Halcourt .....	2,395						2,395	8					2,403
Lethbridge .....	220,505	39,464	142,886	36,375	11,194	16,164	466,588	2,970	3,487	294	3,274		470,065
Milk River .....	1,356						1,356			12			1,368
Pakowki .....	469						469						469
Pembina .....	36,120	8,437	8,715	2,020	801		56,093	2,887	35		35		58,980
Redcliff .....	9,294		14,352	766			24,412						24,969
Rochester .....	3,278						3,278		11				3,289
Sheerness .....	10,958	79	36,524	882	472		48,915			1,575			50,490
Taber .....	11,931		645				12,576	314		1,001		700	13,191
Tofield .....	26,966	734	37,220	7,690	343		72,953	415					73,368
Wetaskiwin .....	1,783						1,783						1,783
Whitcourt .....	281						281		25	2	20		288
Total .....	1,338,882	164,073	1,167,514	335,033	149,662	19,139	3,174,303	23,492	27,619	25,707	27,090	11,475	3,213,113

## THE MINES BRANCH

How the total output of SUB-BITUMINOUS COAL was disposed of during 1941:

	Sold for Consumption in						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Year output for waste put to stock and lifted from stock or waste
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States											
Coalspur .....	33,164	176,746	16,056	52,299	30,702	1,588	278,273	588,828	36,617	5,268			2,332	27,879	2,863		658,061
Pekisko .....	10,136		80					10,216	370				225		25		10,786
Pincher .....	517							517					42	105	58		606
Saunders .....	7,859	769	16,707	20,535	11,241			57,111	6,983				47		47		64,094
Total .....	51,676	177,515	32,843	72,834	41,943	1,588	278,273	656,672	43,970	5,268			2,646	27,984	2,993		733,547
BITUMINOUS COAL																	
Cascade .....	13,520	2,830	2,266	35,304	4,013		172,221	230,154	18,513	726	88,306		2,749	247	3,036		337,559
Crownest .....	57,207	272,151	64,704	85,981	34,490	77,470	1,378,563	1,970,566	18,368		242	107,410	10,917	74,042	11,210	113	2,170,222
Highwood .....	131							131	103					37			271
Mountain Park .....	12,123	35,653	2,301	50,835	1,060		772,640	874,612	57,950				324		483		932,403
Nordegg .....	1,256		41	349	90		262,889	264,625	5,797		96,385		1,262		1,005		367,064
Total .....	84,237	310,634	69,312	172,469	39,653	77,470	2,586,313	3,340,088	100,731	726	184,933	107,410	15,252	74,326	15,734	113	3,807,619



## THE MINES BRANCH

How the total output of DOMESTIC COAL was disposed of by months during 1942:

	Sold for Consumption in						Used under Colliery Boilers	Used by R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste
	Alberta	British Columbia	Saskat- chewan	Manitoba	Ontario	United States							
January .....	164,494	13,498	142,772	60,933	39,419	2,429	2,874	80	682	1,829	7,060	280	421,670
February .....	123,334	9,185	81,618	26,439	29,867	977	2,415	60	315	3,504	5,681	343	271,690
March .....	98,195	5,852	47,432	10,405	7,522	321	1,781	25	250	1,217	3,923	4,957	164,120
April .....	61,623	5,882	41,941	8,615	2,917	345	1,234	...	1,277	1,523	1,163	2,562	121,632
May .....	45,431	5,330	28,743	7,911	2,449	703	90,567	3	854	1,192	358	349	929,936
June .....	71,346	13,349	63,783	12,228	9,819	1,199	171,724	12	5,230	1,812	328	1	180,030
July .....	79,926	13,423	112,573	30,595	18,548	1,406	256,471	79	5,660	3,318	446	54	266,745
August .....	99,323	15,117	133,591	27,700	19,707	1,390	1,717	12	5,464	3,011	233	...	306,900
September .....	111,361	17,630	115,411	30,648	18,572	1,939	296,828	48	4,490	2,102	321	150	303,454
October .....	121,086	24,104	127,732	42,537	351	3,065	1,716	56	2,132	1,747	1,337	250	323,347
November .....	171,465	19,603	127,491	39,700	366	2,759	2,106	74	808	2,205	2,901	2,233	361,975
December .....	191,298	21,100	144,427	37,322	125	2,606	2,652	60	457	2,247	3,339	296	398,614
Total .....	1,338,882	164,073	1,167,514	335,033	149,662	19,139	23,492	557	27,619	25,707	27,090	11,475	3,213,113
% of Total Sales .....	42.18	5.17	36.78	10.56	4.71	.60							

How the total output of SUB-BITUMINOUS COAL was disposed of by months during 1942:

	Sold for Consumption in						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by R.R. Colliery	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States									
January	5,942	13,289	3,435	11,006	7,297	451	22,722	64,142	3,616	448	99	2,021	12	.....	70,314
February	7,174	10,886	2,240	9,390	2,967	179	16,804	55,640	3,207	440	516	2,459	11	.....	62,251
March	3,269	15,065	2,612	3,519	2,967	130	20,722	50,792	3,537	444	919	3,781	1,123	.....	58,350
April	3,290	14,336	1,536	1,915	4,334	372	22,114	47,897	3,372	436	447	2,923	228	.....	54,247
May	2,436	12,756	1,234	1,825	1,458	165	22,977	42,851	3,377	436	318	2,008	359	.....	48,631
June	3,217	12,950	2,421	4,169	2,869	41	19,377	45,044	4,064	445	82	1,804	376	.....	51,003
July	2,912	11,491	2,797	4,214	3,436	.....	20,304	45,154	2,982	410	86	1,485	409	.....	49,717
August	4,493	14,514	2,623	5,789	4,225	.....	33,166	64,810	3,668	442	74	2,444	219	.....	71,219
September	3,594	12,720	3,151	6,050	3,804	.....	28,149	57,468	3,599	444	5	2,547	201	.....	63,862
October	3,389	15,455	3,027	9,449	78	40	24,347	55,785	3,893	442	132	2,245	.....	.....	62,497
November	4,898	19,980	3,181	9,102	.....	95	23,068	60,324	3,977	433	11	2,049	53	.....	66,741
December	7,062	24,073	4,586	6,406	.....	115	24,523	66,765	4,678	448	17	2,818	11	.....	74,715
Total	51,676	177,515	32,843	72,834	41,943	1,588	278,273	656,672	43,970	5,268	2,646	27,984	2,993	.....	733,547
% of Total Sales	7.87	27.03	5.0	11.09	6.39	.24	42.38								



Amount of COAL sold during the years 1915 to 1942 (inclusive) for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	North-West Territories	Quebec	United States	To Railroads	Total
1915	2,120,130	54,860	695,898	64,816	.....	.....	.....	25,047	.....	2,969,751
1916	2,866,670	86,413	1,007,765	97,265	.....	.....	.....	61,092	.....	4,119,205
1917	2,813,413	76,397	1,139,771	249,872	.....	.....	.....	93,081	.....	4,372,534
1918	3,440,154	101,189	1,372,439	511,158	.....	.....	.....	133,276	.....	5,558,855
1919	2,991,110	85,461	1,115,329	314,290	629	.....	.....	121,212	.....	4,637,710
1920	1,647,202	123,850	1,310,146	600,962	13,911	.....	30	152,610	2516,555	6,371,268
1921	1,415,861	116,089	1,294,441	495,388	9,898	.....	.....	132,610	2,076,251	5,488,704
1922	1,443,942	107,920	1,371,249	520,518	21,373	.....	.....	103,823	2,023,204	5,647,109
1923	1,382,785	108,326	1,223,454	553,649	52,334	.....	102	83,557	3,110,121	6,514,219
1924	1,431,327	114,186	1,189,788	510,407	16,525	.....	.....	39,142	1,613,574	4,914,949
1925	1,440,032	117,037	1,297,653	509,655	28,831	.....	.....	40,507	2,139,716	5,573,431
1926	1,325,290	127,858	1,296,181	591,267	74,559	.....	221	48,216	2,706,440	6,170,032
1927	1,508,089	187,028	1,427,904	612,542	22,680	.....	.....	45,160	2,759,765	6,653,168
1928	1,409,475	262,198	1,511,141	606,125	44,265	.....	.....	52,265	3,054,239	6,938,708
1929	1,446,555	236,840	1,455,213	588,647	55,647	.....	.....	51,625	2,923,827	6,758,075
1930	1,234,382	227,385	1,221,542	541,537	29,784	.....	33	44,291	2,120,237	5,419,190
1931	1,020,694	171,610	905,574	442,761	27,036	.....	100	30,434	1,668,451	4,266,660
1932	1,134,311	136,188	1,097,382	497,006	20,583	.....	135	27,366	1,619,921	4,532,892
1933	1,123,357	120,911	1,052,910	449,681	39,437	.....	32	18,449	1,500,061	4,304,838
1934	1,087,898	127,638	986,639	391,132	55,947	31	.....	13,739	1,687,850	4,350,874
1935	1,246,959	221,758	1,120,816	435,813	64,659	.....	.....	24,712	1,960,555	5,075,272
1936	1,356,690	244,928	1,238,750	450,740	65,886	.....	.....	27,397	1,969,569	5,353,940
1937	1,326,054	269,023	1,085,812	437,954	62,321	.....	.....	20,283,389	5,251,163	4,920,800
1938	1,278,932	238,435	1,011,207	413,663	74,111	82	.....	32,507	1,871,852	5,167,287
1939	1,241,618	239,227	1,044,367	409,046	90,206	83	.....	33,139	2,109,684	5,812,926
1940	1,311,644	237,642	1,019,035	354,857	133,587	.....	.....	35,354	2,720,793	6,481,748
1941	1,335,606	304,928	1,052,913	430,663	234,606	14	.....	32,742	3,090,290	7,171,063
1942	1,474,795	632,222	1,269,669	580,336	231,258	.....	.....	98,197	2,864,586	.....

NOTE: Previous to 1920 Railroad Coal was included in Sales in Alberta.

## THE MINES BRANCH

Coal produced by years from 1938 to 1942 inclusive:

## DOMESTIC COAL FIELD

Areas	1938	1939	1940	1941	1942
Ardley .....	21,420	15,682	17,723	10,916	5,938
Big Valley .....	2,069	2,441	2,594	4,006	4,708
Brooks .....	9,665	10,980	11,326	11,446	14,097
Camrose .....	52,662	54,693	59,646	54,786	47,627
Carbon .....	92,846	80,033	70,851	57,207	63,750
Castor .....	39,737	38,109	42,416	43,006	42,482
Champion .....	16,142	15,273	14,983	13,203	12,369
Drumheller .....	1,168,348	1,223,338	1,287,935	1,458,455	1,785,021
Edmonton .....	515,103	470,576	483,924	477,637	514,479
Gleichen .....	25,239	26,091	23,221	25,642	21,979
Halcourt .....	3,355	3,003	3,163	3,595	2,403
Lethbridge .....	342,113	329,416	327,817	339,579	470,065
Magrath .....	541	431	305	21	.....
Milk River .....	3,701	5,961	5,156	3,848	1,368
Pakan .....	276	202	95	.....	.....
Pakowki .....	1,359	1,438	1,328	635	469
Pembina .....	30,267	38,891	50,420	66,746	58,980
Redcliff .....	27,382	26,094	30,418	25,837	24,969
Rochester .....	729	974	1,965	1,980	3,289
Sexsmith .....	80	95	234	88	.....
Sheerness .....	35,939	36,709	30,606	39,205	50,490
Taber .....	12,274	12,731	13,324	14,852	13,191
Tofield .....	44,213	48,504	51,208	56,485	73,368
Westlock .....	.....	.....	.....	1,314	.....
Wetaskiwin .....	2,349	3,224	3,831	2,546	1,783
Whitecourt .....	217	215	317	219	288
No Area .....	5,237	4,095	2,399	.....	.....
<b>Total .....</b>	<b>2,453,263</b>	<b>2,449,199</b>	<b>2,537,205</b>	<b>2,713,254</b>	<b>3,213,113</b>

## SUB-BITUMINOUS COAL FIELD

Coalspur .....	351,427	360,436	448,619	509,933	658,061
Morley .....	61	107	73	.....	.....
Pekisko .....	5,080	5,385	5,673	6,977	10,786
Pincher .....	1,413	1,374	606	823	606
Prairie Creek .....	91,189	104,067	100,753	16,988	.....
Saunders .....	39,742	40,736	42,962	50,732	64,094
<b>Total .....</b>	<b>488,912</b>	<b>512,105</b>	<b>598,686</b>	<b>585,453</b>	<b>733,547</b>

## BITUMINOUS COAL FIELD

Cascade .....	170,039	194,441	206,732	322,202	337,659
Crowsnest .....	1,275,004	1,400,802	1,616,467	2,021,155	2,170,222
Highwood .....	.....	10	305	700	271
Mountain Park .....	688,449	810,442	1,011,252	985,751	932,403
Nordegg .....	154,358	151,106	234,441	341,549	367,064
<b>Total .....</b>	<b>2,287,850</b>	<b>2,556,801</b>	<b>3,069,197</b>	<b>3,671,357</b>	<b>3,807,619</b>



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Total output of DOMESTIC COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	674	511	260	64	31	84	133	154	418	511	1,465	1,633	5,938
Big Valley	575	220	662	74	42	52	55	51	72	139	214	2,552	4,708
Brooks	1,329	916	541	321	182	336	492	826	1,424	1,404	3,488	2,838	14,097
Carrose	8,217	4,829	2,787	1,893	1,100	1,129	1,989	3,388	4,266	4,151	6,498	7,380	47,627
Carbon	7,556	5,456	4,147	2,399	1,831	2,984	3,322	4,775	5,461	6,708	9,376	63,750	42,482
Castor	5,298	3,488	1,754	531	306	377	691	2,100	3,347	4,147	9,461	11,002	62,482
Champion	1,353	1,087	817	509	414	721	1,006	1,277	1,133	1,067	1,483	1,502	12,369
Drumheller	242,496	149,215	75,492	59,049	35,255	97,474	173,170	197,622	182,085	185,330	189,529	198,304	1,785,021
Edmonton	73,131	57,855	45,917	27,800	21,188	23,202	22,598	33,709	41,053	46,823	54,501	66,702	514,479
Gleichen	3,215	2,136	1,777	577	466	972	1,157	1,828	1,971	1,248	3,024	3,591	22,979
Harcourt	616	424	316	122	92	72	72	92	124	193	433	328	2,403
Lethbridge	47,812	25,449	15,352	15,339	20,164	38,863	46,359	47,103	46,727	52,420	55,912	58,565	470,065
Magrath	166	70	50	49	40	50	51	109	124	193	290	176	1,368
Milk River	35	10	6	14	14	57	57	32	24	69	153	69	469
Pakowki	7,160	6,178	5,826	5,639	2,815	3,935	4,278	4,026	4,428	4,574	4,622	5,499	58,980
Pembina	3,015	2,314	1,000	828	415	1,076	2,657	2,339	2,181	2,931	2,733	3,480	24,969
Redcliff	400	318	99	53	26	19	44	47	44	87	650	1,502	3,289
Rochester	5,595	3,303	2,213	1,491	4,032	4,541	4,698	2,378	2,653	5,267	6,813	7,506	50,490
Sexsmith	1,455	869	974	514	455	571	609	1,122	1,512	1,644	1,989	1,477	13,191
Sheerness	11,277	6,684	4,065	4,351	4,082	3,567	3,179	3,999	4,501	4,534	8,934	14,195	73,368
Taber	295	240	65	15	15	15	15	15	30	100	373	650	1,783
Tofield	126	126	126	126	126	126	126	126	126	126	126	126	288
Westlock													
Wetaskiwin													
Whitecourt													
No Area													
Total	421,670	271,690	164,120	121,632	92,936	180,030	266,745	306,900	303,454	323,347	361,975	398,614	3,213,113

Total output of SUB-BITUMINOUS COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	60,885	53,284	52,453	51,747	46,248	46,293	43,639	63,899	57,289	55,700	59,674	66,950	658,061
Pekisko	1,619	1,777	1,334	888	523	478	533	619	575	597	720	1,123	10,786
Pinehear	113	67	57	27	27	27	40	69	47	86	86	100	606
Prairie Creek	7,697	7,123	4,506	1,585	1,860	4,232	5,505	6,632	5,951	6,200	6,261	6,542	64,094
Saunders													
Total	70,314	62,251	58,350	54,247	48,631	51,003	49,717	71,219	63,862	62,497	66,741	74,715	733,547

Total output of BITUMINOUS COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade .....	31,132	27,765	32,709	28,425	28,727	29,598	28,906	22,710	26,189	27,672	25,744	27,902	337,659
Crownsnest .....	197,122	184,945	203,578	193,971	138,654	191,364	176,659	174,117	165,913	185,563	176,278	182,058	2,170,222
Highwood .....	168	66,412	94,835	96,006	95,394	88,415	74,529	57,849	65,266	72,247	65,039	103	271
Mountain Park .....	77,040	35,108	35,680	33,583	31,327	35,671	30,079	28,876	23,596	26,802	26,831	28,386	932,403
Nordegg .....	31,125												367,064
<b>Total</b> .....	336,767	314,230	366,802	351,985	294,102	345,048	310,173	283,552	280,964	312,284	293,892	317,820	3,807,619
<b>Grand Total</b> .....	828,751	648,171	589,272	527,864	435,669	576,081	626,635	661,671	648,280	698,128	722,608	791,149	7,754,279

Total output of COAL, COKE and BRIQUETTES during the year:

Coal .....	828,751	648,171	589,272	527,864	435,669	576,081	626,635	661,671	648,280	698,128	722,607	791,149	7,754,279
Coke .....	6,182	3,776	6,207	5,992	5,384	5,876	5,975	5,707	5,988	6,256	6,090	6,149	71,572
Briquettes .....	17,643	16,324	17,801	14,826	14,643	15,451	13,444	16,723	17,059	18,463	17,327	18,221	197,905

Total Sales of SUB-BITUMINOUS COAL for consumption by Railroad Companies:

Coalspur .....	22,722	16,804	20,722	22,114	22,977	19,377	20,304	33,166	28,149	24,347	23,068	24,523	278,273
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Total Sales of BITUMINOUS COAL for consumption by Railroad Companies:

Cascade .....	12,606	13,097	17,510	17,511	17,130	18,719	20,211	11,158	11,166	10,104	11,035	11,974	172,221
Crownsnest .....	118,650	125,876	144,823	140,748	103,408	136,864	116,906	106,678	95,407	101,569	88,239	99,395	1,378,563
Mountain Park .....	62,291	54,648	81,909	84,070	84,028	76,800	64,039	48,697	51,419	58,746	48,844	57,149	772,640
Nordegg .....	23,117	27,352	27,449	25,299	23,791	25,135	21,321	19,509	15,577	17,754	17,769	18,816	262,889
<b>Total</b> .....	216,664	220,973	271,691	267,628	228,357	257,518	222,477	186,042	173,569	188,173	165,887	187,334	2,586,313
<b>Grand Total</b> .....	239,386	237,777	292,413	289,742	251,334	276,895	242,781	219,208	201,718	212,520	188,955	211,837	2,864,586

Total amount of Domestic Coal disposed of by areas during each month for consumption in Alberta:

## LUMP COAL

	23	14	9	53	27	21	35	10	20	67	77	1,470	46
Ardley	311	128	319	53	27	21	35	10	20	67	77	1,470	2,538
Big Valley	311	128	319	53	27	21	35	10	20	67	77	1,470	13,648
Brooks	1,265	841	487	318	166	320	471	798	1,405	1,387	3,437	2,753	15,405
Camrose	2,950	1,566	610	231	77	234	775	1,216	1,447	1,467	2,234	2,598	18,754
Carbon	2,338	1,456	1,058	551	199	651	946	1,685	1,533	1,791	3,029	3,467	12,486
Castor	1,808	1,093	546	45	20	32	213	336	965	1,363	2,920	3,145	10,041
Champion	1,122	886	682	415	315	578	817	1,027	932	865	1,200	1,202	133,980
Drumheller	14,234	10,253	4,855	2,577	2,100	7,398	13,198	14,207	12,936	13,044	19,313	19,865	120,411
Edmonton	18,504	12,333	7,272	4,062	3,304	2,924	4,879	8,688	10,967	11,826	15,240	20,412	4,644
Gleichen	614	467	335	139	93	173	191	344	450	166	865	807	1,554
Halcourt	385	296	212	61	50	26	8,890	10,023	10,654	9,600	12,603	12,981	96,799
Lethbridge	8,451	6,390	4,691	3,110	2,367	7,039	8,890	10,023	10,654	9,600	12,603	12,981	96,799
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pakan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pakowki	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina	614	423	242	74	12	57	187	24	248	325	512	679	3,397
Redcliff	373	282	65	23	64	592	1,106	738	658	904	928	986	6,769
Rochester	168	86	23	6	.....	.....	.....	.....	11	52	270	322	938
Sexsmith	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheerness	53	67	26	58	.....	12	47	66	23	108	567	672	1,699
Taber	646	412	447	212	269	268	301	558	702	710	888	606	6,019
Tofield	716	510	216	141	53	59	87	105	407	616	3,919	7,384	14,213
Westlock	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wetaskiwin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whitecourt	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
No Area	50	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100
Total	54,675	37,553	22,095	12,076	9,116	20,384	32,143	39,875	43,358	44,291	68,320	79,555	463,441

## THE MINES BRANCH

## MINE-RUN COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	621	484	237	64	31	84	133	154	418	511	1,465	1,633	5,835
Big Valley	90	90	50	20	15	30	20	40	50	70	135	145	755
Brooks	146	82	24							75	830	719	1,876
Camrose	1,150	517	516	129	59	93	231	369	704	1,183	3,679	2,724	11,354
Carbon	2,866	2,105	1,100	454	265	316	407	1,628	2,175	2,541	6,071	7,265	27,193
Castor													
Champion	197	102	95	52	66	87	15	59	83	117	694	129	1,696
Drumheller	18,966	16,246	16,400	10,763	9,918	10,247	7,612	8,611	9,443	9,861	10,673	11,890	140,630
Edmonton	2,113	1,310	1,152	323	285	662	821	1,218	1,145	900	1,582	2,026	13,537
Gleichen	170	89	30	53	30	29	29				54	83	591
Halcourt	2,061	1,621	1,228	1,156	659	637	784	915	1,298	1,094	2,111	1,797	15,361
Lethbridge													
Magrath													
Milk River	158	66	50	49	40	50	51	109	124	193	290	176	1,356
Pakan													
Fakowki	35	10	6	14			57	32	24	69	153	69	469
Pembina	273	144		1,191	1,674	1,270	1,385	779	706	706	153	304	7,879
Redcliff	416	456		86	187	43	90	44	264	132	181	304	1,899
Rochester	86	96	36	36	25	19	44	46	28	3	233	1,018	1,670
Sexsmith													
Sheerness	1,298	450	443	412	101	92	129	238	708	1,776	1,848	1,309	8,804
Taber	131	107	107	85	49	97	120	147	273	317	480	341	2,378
Tofield	1,368	730	601	621	581	641	785	598	791	939	1,764	2,585	12,004
Westlock													
Wetaskiwin													
Whitescourt		97	16							80	273	450	803
											75	87	275
Total	32,245	24,826	22,144	15,508	13,985	14,397	12,684	14,987	18,234	19,861	32,744	34,750	256,365

**NUT COAL**

Ardley	14	200	796	1,418	2,095	2,010	536	750
Big Valley	3,273	1,855	1,173	921	1,418	2,629	3,013	22,289
Brooks	2,343	1,855	1,017	943	1,207	1,077	1,278	14,886
Camrose	1,796	1,806	1,017	943	1,102	801	1,278	14,886
Carbon	35	36	90	96	20	60	138	511
Castor	193	129	90	96	20	60	138	511
Champion	215	129	90	96	20	60	138	511
Drumheller	10,862	5,881	5,054	3,648	6,961	180	258	92,397
Edmonton	21,226	19,699	15,232	9,434	8,626	7,739	10,124	23,537
Gleichen	399	314	235	96	8,777	12,340	16,598	155,996
Haltcourt	53	29	8	12	17	222	507	3,047
Lehigh	3,485	2,159	1,811	2,220	4,462	3,362	4,230	215
Lehrbridge	1,615	1,584	1,085	383	1,028	487	603	41,739
Pembina	26	8	6	5	19	44	34	11,651
Redcliff	72	70	2	5	14	40	34	217
Rochester	88	42	2	18	44	30	61	307
Sheerness	173	105	85	82	275	350	371	455
Taber	40	17	15	3	6	19	27	2,618
Tofield	245	190	65	2	15	30	205	565
Wetaskiwin							200	880
Total	43,266	29,279	19,880	13,878	21,555	25,888	38,014	350,840
							41,763	

## SLACK · COAL

[illegible]

## THE MINES BRANCH

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Alberta:

## LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	1,929	1,396	795	611	644	646	1,180	1,114	1,417	1,293	2,134	2,874	16,933
Pekisko	.....	23	18	4	12	12	12	.....	41	.....	56	33	187
Pincher	71	34	38	17	9	4	29	46	45	.....	56	71	420
Saunders	185	230	249	85	66	107	101	200	241	235	437	525	2,661
Total	2,185	1,683	1,100	717	719	769	1,310	1,360	1,744	1,528	2,683	3,503	19,301

## MINE-RUN COAL

Coalspur	73	72	85	64	72	70	51	61	65	67	83	96	859
Pekisko	1,594	1,642	1,242	823	293	413	463	614	464	567	582	957	9,654
Pincher	.....	.....	.....	54	50	106	.....	91	9	55	55	76	868
Saunders	66	138	96	.....	.....	.....	72	.....	.....	.....	.....	.....	.....
Total	1,733	1,852	1,423	941	415	589	586	766	538	689	720	1,129	11,381

## NUT COAL

Coalspur	551	973	237	310	217	314	197	697	595	484	775	1,685	7,035
Pekisko	.....	.....	.....	3	.....	.....	.....	6	14	.....	15	73	73
Pincher	19	18	4	120	7	111	60	341	110	461	320	491	97
Saunders	371	820	280	.....	120	.....	.....	.....	.....	.....	.....	.....	3,605
Total	941	1,811	521	433	344	425	257	1,044	719	945	1,110	2,260	10,810

## SLACK COAL

Coalspur	1,045	1,421	138	1,163	958	1,411	708	1,255	559	159	297	123	9,237
Pekisko	.....	47	49	36	.....	23	15	68	34	68	52	47	222
Saunders	38	360	38	.....	.....	.....	36	.....	.....	.....	36	.....	725
Total	1,083	1,828	225	1,199	958	1,434	759	1,323	593	227	385	170	10,184



## THE MINES BRANCH

Total amount of Domestic Coal disposed of by Areas during each month for consumption in British Columbia:

LUMP COAL													
Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Carbon .....	40	2,364	2,336	1,569	1,759	4,772	45	40	41	133	228	45	750
Drumheller .....	5,728	39					4,295	4,683	5,340	7,256	6,492	8,130	54,724
Edmonton .....	77	1,304	1,253	831	1,295	2,982	79	125	158	115	75	235	903
Lethbridge .....	2,528		43				2,846	2,107	2,369	3,324	3,215	3,211	27,265
Pembina .....							92	486	591	499	540	349	2,600
Redcliff .....													79
Sheerness .....										79			79
Tofield .....									76			43	119
Total .....	8,373	3,707	3,632	2,400	3,054	7,799	7,352	7,442	8,667	11,501	10,367	12,146	86,440
MINE-RUN COAL													
Castor .....										40	40	120	200
Drumheller .....											213		213
Lethbridge .....										607	493	498	1,598
Pembina .....									80	338	197		615
Tofield .....													
Total .....									80	985	943	618	2,626
NUT COAL													
Carbon .....	4,230	2,132	2,103	3,079	1,628	4,327	4,573	5,387	134	81	90	90	395
Drumheller .....		38			34		38	343	5,392	5,785	4,037	4,345	47,018
Edmonton .....	588	400	117	229	386	915	994	815	230	1,186	1,548	1,009	9,692
Lethbridge .....	292	92		174	228	207	337	969	1,186	1,505	1,548	1,009	9,692
Pembina .....									636	854	86	336	4,211
Total .....	5,110	2,662	2,220	3,482	2,276	5,449	5,942	7,514	7,578	8,225	5,761	5,817	62,036



## SLACK COAL

Drumheller .....	15	2,788	.....	.....	101	129	161	1,011	2,582	1,026	2,316	10,129
Edmonton .....	.....	.....	.....	.....	.....	.....	.....	.....	307	.....	.....	307
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	294	504	1,506	203	2,507
Fernbina .....	.....	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
Total .....	15	2,816	.....	.....	101	129	161	1,305	3,393	2,532	2,519	12,971

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

## LUMP COAL

Coalspur .....	5,491	4,135	6,023	6,276	5,321	5,146	3,831	6,776	6,390	8,042	10,588	14,277	82,296
Saunders .....	25	.....	33	.....	39	.....	42	102	120	121	82	81	645
Total .....	5,516	4,135	6,056	6,276	5,360	5,146	3,873	6,878	6,510	8,163	10,670	14,358	82,941

## MINE-RUN COAL

Coalspur .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	327	327
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## NUT COAL

Coalspur .....	7,300	6,645	8,912	7,905	7,147	7,521	7,244	6,637	5,203	6,185	8,135	7,899	86,733
Saunders .....	20	.....	13	.....	.....	.....	.....	15	.....	41	.....	35	124
Total .....	7,320	6,645	8,925	7,905	7,147	7,521	7,244	6,652	5,203	6,226	8,135	7,934	86,857

## SLACK COAL

Coalspur .....	453	106	84	155	249	283	374	984	1,007	1,066	1,175	1,454	7,390
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Total amount of Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

## LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade								19	38	52		38	147
Crowsnest	1,152	338	213		388	897	1,076	1,644	3,372	4,346	2,371	1,231	17,028
Mountain Park							39	800	645	672	1,176	864	4,196
Total	1,152	338	213		388	897	1,115	2,463	4,055	5,070	3,547	2,133	21,371

## MINE-RUN COAL

Cascade	234	40	40	48			45	93	8,710	15,255	11,302	8,001	560
Crowsnest	80	84	40	38		4,512	5,370	6,351	5,165	4,038	5,504	10,323	59,743
Mountain Park	242					101	148	133					25,654
Total	556	124	80	86		4,613	5,563	6,577	13,875	19,353	16,806	18,324	85,957

## NUT COAL

Cascade	304	76	194	38	162	171	37	140	198	305	36	462	2,123
Crowsnest	1,242	381	633	1,006	934	383	522	1,637	2,189	1,461	3,404	1,863	15,655
Mountain Park	589							88	689	894	663	619	3,542
Total	2,135	457	827	1,044	1,096	554	559	1,865	3,076	2,660	4,103	2,944	21,320

## SLACK COAL

Crowsnest	12,905	13,217	16,524	14,970	10,130	16,684	18,734	17,193	14,123	14,536	17,359	11,350	179,725
Mountain Park	1,129		33		59		45	33		139	192	631	2,261
Total	14,034	13,217	16,557	14,970	10,189	18,684	18,779	17,226	14,123	14,675	17,551	11,981	181,986

Total amount of Domestic Coal disposed of by areas during each month for consumption in Saskatchewan:

## LUMP COAL

Camrose	228	120	38	38	36	172	77	172	116	46	173	81	952
Carbon	378	563	188	158	.....	414	414	309	420	592	57,373	303	4,170
Drumheller	53,117	29,551	9,908	8,673	4,391	23,215	46,450	62,223	51,177	55,275	52,920	57,373	454,273
Edmonton	844	77	.....	.....	43	190	121	842	10,698	230	230	426	3,393
Lethbridge	10,011	3,026	1,509	2,657	3,843	9,498	113,028	13,367	12,279	10,219	13,094	103,229	1,032,229
Pembina	827	775	623	260	.....	38	314	390	48	241	627	857	4,258
Redcliff	585	386	116	.....	.....	.....	504	551	678	551	639	4,207	4,207
Sheerness	855	464	450	40	.....	220	366	366	541	707	1,522	2,466	7,631
Taber	160	80	.....	.....	.....	.....	121	230	275	502	525	1,418	240
Tofield	200	39	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,346
Total	67,705	35,081	12,868	11,826	8,313	33,113	60,745	77,899	64,056	70,542	66,894	76,657	585,699

## MINE-RUN COAL

Castor	400	80	.....	.....	.....	86	.....	.....	.....	.....	164	83	480
Drumheller	.....	.....	.....	.....	.....	125	304	356	219	394	123	806	86
Pembina	558	366	477	448	44	4034	3,323	661	575	1,447	1,248	1,286	4,220
Redcliff	1,168	1,387	715	675	3,661	2,815	2,042	2,995	2,818	2,057	2,223	2,497	20,180
Sheerness	.....	240	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,180
Taber	.....	2,998	3,109	3,485	3,364	.....	.....	.....	.....	.....	.....	.....	33,874
Tofield	3,471	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	5,597	4,831	4,541	4,651	7,069	7,060	5,669	4,012	3,612	3,898	3,758	4,672	59,370

## NUT COAL

Camrose	75	38	81	123	.....	36	114	40	406	378	78	135	153
Carbon	423	180	14,838	11,748	5,923	14,613	29,336	29,281	24,937	28,766	26,824	29,091	210
Drumheller	33,811	20,954	36	83	40	40	38	247	152	226	191	150	270,182
Edmonton	113	154	900	1,118	1,712	2,953	4,453	3,922	2,402	3,563	4,118	5,120	1,520
Lethbridge	4,196	1,714	720	429	41	211	210	87	86	175	42	321	36,171
Pembina	787	260	388	155	192	337	849	861	613	930	1,076	1,219	4,871
Sheerness	987	.....	.....	38	.....	.....	.....	.....	.....	.....	.....	.....	7,567
Taber	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
Total	40,432	24,020	16,672	14,527	7,908	18,190	35,050	34,584	28,656	34,038	32,329	36,036	322,442

## THE MINES BRANCH

## SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Carbon .....	270	16,722	12,919	10,469	5,339	5,161	10,227	16,775	18,575	17,577	22,632	294	1,115
Drumheller .....	27,129	238	238	238	238	238	238	238	238	238	238	238	188,587
Lethbridge .....	817	671	265	258	114	259	721	321	464	721	601	713	3,486
Redcliff .....	59	55	77	124	44	44	44	44	44	44	44	44	5,925
Sheerness .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	846
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
Total .....	29,038	17,686	13,351	10,937	5,453	5,420	11,109	17,096	19,087	19,254	24,510	27,062	200,003

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

## LUMP COAL

Coalspur .....	225	126	250	70	.....	59	120	241	162	242	39	256	1,540
Saunders .....	62	62	62	62	62	326	638	606	540	562	670	938	4,654
Total .....	287	188	250	70	.....	385	758	847	702	804	709	1,194	6,194

## MINE-RUN COAL

Pekisko .....	.....	40	.....	.....	.....	.....	.....	.....	40	.....	.....	.....	80
Saunders .....	35	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	15	90
Total .....	35	40	.....	.....	.....	.....	.....	.....	40	40	.....	15	170

## NUT COAL

Coalspur .....	1,387	1,239	1,352	1,202	965	1,426	975	284	811	828	1,047	1,802	13,318
Saunders .....	911	217	472	33	102	274	432	691	878	744	1,146	1,021	6,921
Total .....	2,298	1,456	1,824	1,235	1,067	1,700	1,407	975	1,689	1,572	2,193	2,823	20,239



SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crowsnest	474	139	1,229	3,129	5,263	4,463	3,194	3,783	4,118	4,083	3,374	5,407	38,656
Mountain Park			39		33					49	188	191	500
Total	474	139	1,268	3,129	5,296	4,463	3,194	3,783	4,118	4,132	3,562	5,598	39,156

Total amount of Domestic Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Camrose	40												40
Carbon	183	14,341	4,438	2,595	2,263	7,583	16,521	14,989	18,964	25,374	21,781	22,752	820
Drumheller	30,757	161	116	623	2,738	1,147	2,043	1,930	2,789	3,688	2,653	2,959	182,358
Edmonton	269	871	75				29	39		79	111	78	1,665
Lethbridge	3,683						35	40			123	38	25,240
Pembina													606
Redcliff	153												236
Tofield													
Total	35,085	15,448	4,757	3,218	5,040	8,808	18,830	17,240	22,023	29,683	24,848	25,985	210,965

MINE-RUN COAL

Drumheller	844										128		128
Sheerness													844
Tofield	5,374	1,999					81						7,454
Redcliff												160	160
Total	6,218	1,999					81				128	160	8,586

## NUT COAL

Carbon .....	10,421	5,240	2,325	1,607	663	2,574	5,827	40	135	7,975	7,618	81	256
Drumheller .....	115	38	363	143	160	244	164	10	5,512	151	161	7,849	62,435
Edmonton .....	778	504	48	409	.....	.....	372	659	1,516	1,956	1,397	1,422	869
Lethbridge .....	333	214	.....	.....	.....	.....	710	178	85	.....	38	.....	9,514
Pembina .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,020
Sheerness .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
<b>Total</b> .....	<b>11,647</b>	<b>5,996</b>	<b>2,736</b>	<b>2,159</b>	<b>823</b>	<b>2,861</b>	<b>7,073</b>	<b>5,711</b>	<b>7,362</b>	<b>10,082</b>	<b>9,214</b>	<b>9,468</b>	<b>75,132</b>

## SLACK COAL

Carbon .....	131	125	656	45	49	.....	.....	135	1,263	2,615	4,014	1,667	1,141
Drumheller .....	7,769	2,829	2,256	3,193	1,999	559	4,611	4,614	1,263	157	4,014	1,667	37,389
Edmonton .....	83	42	.....	.....	.....	.....	.....	.....	.....	.....	1,496	42	199
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,621
<b>Total</b> .....	<b>7,983</b>	<b>2,996</b>	<b>2,912</b>	<b>3,238</b>	<b>2,048</b>	<b>559</b>	<b>4,611</b>	<b>4,749</b>	<b>1,263</b>	<b>2,772</b>	<b>5,510</b>	<b>1,709</b>	<b>40,350</b>

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

## LUMP COAL

Coalspur .....	3,486	4,168	855	307	614	2,306	1,662	3,085	2,336	3,245	3,774	2,918	28,756
Saunders .....	1,551	1,028	405	252	326	305	689	1,094	828	1,519	1,696	1,314	11,007
<b>Total</b> .....	<b>5,037</b>	<b>5,196</b>	<b>1,260</b>	<b>559</b>	<b>940</b>	<b>2,611</b>	<b>2,351</b>	<b>4,179</b>	<b>3,164</b>	<b>4,764</b>	<b>5,470</b>	<b>4,232</b>	<b>39,763</b>

## MINE-RUN COAL

Saunders .....	20	.....	19	.....	.....	.....	.....	20	.....	20	20	40	139
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## THE MINES BRANCH

## NUT COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur .....	3,769	2,111	1,261	886	401	742	700	593	1,979	3,198	2,155	714	18,509
Saunders .....	505	632	318	228	181	425	585	629	298	587	640	400	5,428
Total .....	4,274	2,743	1,579	1,114	582	1,167	1,285	1,222	2,277	3,785	2,795	1,114	23,937

## SLACK COAL

Coalspur .....	904	958	308	135	89	.....	221	129	354	488	658	790	5,034
Saunders .....	771	493	353	107	214	391	357	239	255	392	159	230	3,961
Total .....	1,675	1,451	661	242	303	391	578	368	609	880	817	1,020	8,995

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

## LUMP COAL

Cascade .....	310	45	40	.....	.....	92	47	.....	40	230	172	127	1,103
Crowsnest .....	844	295	286	136	128	391	572	1,244	788	1,542	2,176	2,870	11,282
Mountain Park .....	.....	72	39	37	41	78	46	.....	84	201	38	117	753
Total .....	1,154	412	375	173	169	561	665	1,244	912	1,973	2,386	3,114	13,138

## MINE-RUN COAL

Cascade .....	1,016	198	80	81	81	152	39	116	232	505	228	499	3,227
Crowsnest .....	160	296	167	.....	219	328	226	131	552	49	542	300	2,980
Mountain Park .....	179	80	136	127	.....	221	890	788	574	600	163	195	3,953
Total .....	1,355	574	383	208	300	701	1,155	1,035	1,368	1,154	933	994	10,160



**NUT COAL**

Cascade	3,882	3,138	2,758	1,826	1,874	2,058	1,575	1,416	1,416	3,515	2,426	2,876	29,495
Crowsnest	1,819	1,607	311	1,197	804	27	553	1,109	983	1,119	1,318	1,685	10,132
Mountain Park	1,123	1,164	1,325	776	229	507	515	414	1,183	645	1,138	1,944	10,750
Nordeggs	82	40	42	.....	.....	.....	.....	.....	65	.....	38	82	349
Total	6,906	4,949	4,436	2,799	2,407	2,692	2,643	2,939	4,124	5,279	4,965	6,587	50,726

## SLACK COAL

Cascade	188	225	113	73	73	75	36	77	79	194	113	233	1,479
Crownst	11,538	5,690	4,279	2,319	1,993	3,152	3,998	5,396	5,667	5,667	5,022	7,344	61,587
Mountain Park	4,614	4,959	4,515	4,739	4,228	4,635	3,213	1,929	473	706	757	611	35,379
Total	16,340	10,874	8,907	9,321	6,620	6,703	6,401	6,004	5,948	6,567	6,372	8,388	98,445

**Total amount of Domestic Coal disposed of by areas during each month for consumption in Ontario:**

**LUMP COAL**

Carbon	38	43	36	41	.....	112	79						
Drumheller	23,324	17,835	4,314	1,089	1,038	4,450	10,109	11,396	11,052	43	196	43	392
Edmonton						.....	39	.....	43	.....	.....	.....	84,846
Lethbridge	1,386	1,601	148	431	162	569	536	1,208	1,360	.....	.....	124	82
										.....	.....	125	7,650
Total	24,748	19,479	4,498	1,561	1,200	5,131	10,763	12,604	12,455	239	167	125	92,970

**MINE-RUN COAL**

[illegible]

## NUT COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Big Valley .....	82	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82
Carbon .....	13,219	8,296	2,808	1,203	1,053	3,511	5,768	4,873	4,763	112	157	.....	47
Drumheller .....	352	468	.....	.....	157	336	617	936	680	.....	.....	.....	45,763
Lethbridge .....	312	322	.....	.....	.....	.....	.....	40	127	.....	.....	.....	3,544
Pembina .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	801
Total .....	13,965	9,131	2,808	1,203	1,210	3,847	6,385	5,849	5,570	112	157	.....	50,237

## SLACK COAL

Carbon .....	.....	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
Drumheller .....	706	404	216	153	39	841	1,400	1,254	547	.....	42	.....	5,602
Total .....	706	442	216	153	39	841	1,400	1,254	547	.....	42	.....	5,640

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Ontario:

## LUMP COAL

Coalspur .....	3,117	4,027	2,707	1,932	353	695	1,312	2,129	2,070	78	.....	.....	18,420
Saunders .....	1,405	1,771	848	170	106	796	840	1,020	1,028	.....	.....	.....	7,984
Total .....	4,522	5,798	3,555	2,102	459	1,491	2,152	3,149	3,098	78	.....	.....	26,404

## NUT COAL

Coalspur .....	2,236	2,524	1,545	1,865	236	138	366	492	283	.....	.....	.....	9,685
Saunders .....	368	423	246	142	354	651	451	248	246	.....	.....	.....	3,129
Total .....	2,604	2,947	1,791	2,007	590	789	817	740	529	.....	.....	.....	12,814

## SLACK COAL

Coalspur .....	171	179 43	129	182 43	409	589	425 43	336	177	.....	.....	2,597 128
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total .....	171	222	129	225	409	589	467	336	177	.....	.....	2,725

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Ontario:

## LUMP COAL

Cascade .....	109	.....	46	45	.....	137	.....	.....	124	.....	.....	461
Crowsnest .....	2,215	917	945	251	358	234	346	797	184	.....	.....	6,247
Total .....	2,324	917	991	296	358	371	346	797	308	.....	.....	6,708

## MINE-RUN COAL

Crowsnest .....	94	49	40	.....	.....	47	47	.....	48	.....	.....	325
Mountain Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49	.....	49
Total .....	94	49	40	.....	.....	47	47	.....	48	.....	49	374

## NUT COAL

Cascade .....	744	590	148	119	120	855	184	278	514	.....	.....	3,552
Crowsnest .....	1,554	1,738	2,033	1,224	792	381	292	.....	.....	.....	.....	8,014
Nordegg .....	.....	.....	.....	.....	.....	.....	51	.....	39	.....	.....	90
Total .....	2,298	2,328	2,181	1,343	912	1,236	527	278	514	39	.....	11,656

## SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crowsnest .....	9,161	6,495	3,971	96	49	.....	.....	85	47	.....	.....	.....	19,904
Mountain Park .....	.....	.....	.....	.....	1,011	.....	.....	.....	.....	.....	.....	.....	1,011
Total .....	9,161	6,495	3,971	96	1,060	.....	.....	85	47	.....	.....	.....	20,915

Total amount of Domestic Coal disposed of by areas during each month for consumption in United States:

## LUMP COAL

Carbon .....	76	80	41	80	82	207	43	154	151	83	140	235	83
Drumheller .....	1,176	228	166	19	372	409	703	396	746	1,133	917	838	1,435
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,103
Total .....	1,252	308	207	99	454	616	746	550	897	1,403	1,066	1,073	8,671

## NUT COAL

Carbon .....	159	203	77	.....	.....	39	158	225	190	81	119	40	81
Drumheller .....	1,018	466	37	246	249	544	502	615	852	1,465	709	1,201	1,326
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,904
Total .....	1,177	669	114	246	249	583	660	840	1,042	1,662	828	1,241	9,311

## SLACK COAL

Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	865	292	1,157
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Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in the United States:

## LUMP COAL

Coalspur .....	.....	.....	130	372	123	41	.....	.....	.....	40	95	115	916
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## THE MINES BRANCH

Amount of Sub-Bituminous Coal used under Colliery Boilers by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur .....	2,857	2,514	3,075	3,052	3,078	3,543	2,339	3,046	2,925	3,166	3,179	3,843	36,617
Pekisko .....	25	25	25	25	30	30	30	30	30	30	30	60	370
Saunders .....	734	668	437	295	269	491	613	592	644	697	768	775	6,983
<b>Total .....</b>	<b>3,616</b>	<b>3,207</b>	<b>3,537</b>	<b>3,372</b>	<b>3,377</b>	<b>4,064</b>	<b>2,982</b>	<b>3,668</b>	<b>3,599</b>	<b>3,893</b>	<b>3,977</b>	<b>4,678</b>	<b>43,970</b>

Amount of Bituminous Coal used under Colliery Boilers by areas during each month:

Cascade .....	1,698	1,468	1,512	1,353	1,395	1,575	1,560	1,530	1,524	1,575	1,507	1,816	18,513
Crownest .....	1,937	1,837	2,007	1,756	1,106	1,147	1,111	1,132	1,246	1,393	1,712	1,984	18,368
Mountain Park .....	5,834	4,515	5,299	5,597	4,971	5,125	4,679	4,200	4,216	4,359	4,408	4,747	57,950
Nordeg .....	592	550	494	474	443	470	410	451	428	480	451	554	5,797
<b>Total .....</b>	<b>10,061</b>	<b>8,370</b>	<b>9,312</b>	<b>9,180</b>	<b>7,915</b>	<b>8,317</b>	<b>7,760</b>	<b>7,313</b>	<b>7,414</b>	<b>7,807</b>	<b>8,078</b>	<b>9,204</b>	<b>100,731</b>

Amount of Domestic Coal used by Colliery Railroads by areas during each month:

Redcliff .....	80	60	25	.....	3	12	79	48	56	74	60	60	557
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Amount of Sub-Bituminous Coal used by Colliery Railroads by areas during each month:

Coalspur .....	448	440	444	436	436	445	410	442	444	442	433	448	5,268
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Amount of Bituminous Coal used by Colliery Railroads by areas during each month:

Cascade .....	78	69	70	60	40	60	60	51	50	65	60	63	726
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## Amount of Bituminous Coal used making Briquettes:

Cascade .....	9,245	8,172	9,371	6,524	6,420	4,274	4,330	6,607	8,373	8,740	7,929	8,321	88,306
Crowsnest .....	159	83	83	7,484	7,416	10,323	8,176	8,928	7,381	8,454	8,231	8,625	242
Nordegg .....	6,968	6,950	7,449	7,484	7,416	10,323	8,176	8,928	7,381	8,454	8,231	8,625	96,385
Total .....	16,372	15,205	16,820	14,008	13,836	14,597	12,506	15,535	15,754	17,194	16,160	16,946	184,933

## Amount of Bituminous Coal used making Coke:

Crowsnest .....	9,416	8,492	9,311	8,987	8,579	8,641	8,625	8,620	8,951	9,451	9,135	9,202	107,410
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## Amount of Domestic Coal Put to Stock by areas during each month:

Big Valley .....	60	70	110	50	100	150	150	150	200	275	50	307	437
Carbon .....	145	50	1,051	328	2,842	5,293	4,725	4,725	3,804	1,601	758	75	1,210
Drumheller .....	405	240	95	1,051	328	2,842	5,293	4,725	3,804	1,601	758	75	20,957
Edmonton .....	37	80	110	476	2,288	149	167	167	381	191	75	.....	1,457
Lethbridge .....	35	5	6	.....	.....	.....	.....	.....	105	.....	.....	.....	3,487
Pembina .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
Rochester .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Whitecourt .....	.....	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
Total .....	682	315	250	1,277	854	5,230	5,660	5,464	4,490	2,132	808	457	27,619

## Amount of Sub-Bituminous Coal Put to Stock by areas during each month:

Coalspur .....	99	500	912	445	118	22	56	62	5	85	11	17	2,332
Pekisko .....	.....	16	7	2	200	.....	23	.....	.....	.....	.....	.....	225
Fincher .....	.....	.....	.....	.....	.....	.....	5	12	.....	47	.....	.....	42
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
Total .....	99	516	919	447	318	22	86	74	5	132	11	17	2,646

Amount of Bituminous Coal Put to Stock by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade .....	331	286	338	245	40	264	40	245	271	364	295	30	2,749
Crowsnest .....	1,347	262	111	4,304	435	.....	15	1,220	841	347	1,525	10	10,917
Mountain Park .....	.....	.....	324	.....	.....	.....	.....	.....	.....	.....	.....	.....	324
Nordeggs .....	155	120	149	344	70	.....	113	30	95	.....	70	116	1,262
Total .....	1,833	668	922	4,893	545	264	168	1,495	1,207	1,211	1,890	156	15,252

Amount of Domestic Coal Put to Waste by areas during each month:

Big Valley .....	1	2	1	1	.....	1	.....	1	2	2	2	2	15
Canrose .....	20	11	6	.....	.....	.....	40	370	350	5	43	49	894
Carbon .....	60	41	23	7	5	10	7	15	33	110	247	138	696
Castor .....	160	134	93	32	21	29	47	104	125	101	268	319	1,433
Champion .....	16	8	6	.....	3	.....	9	12	.....	.....	.....	.....	64
Drumheller .....	1,162	3,052	926	1,394	1,029	1,647	3,087	2,219	1,205	1,105	1,204	1,256	19,266
Edmonton .....	38	41	28	22	19	9	11	18	42	42	74	61	405
Lethbridge .....	26	24	13	14	10	17	21	28	31	47	31	32	294
Milk River .....	8	4	.....	.....	60	66	.....	142	170	170	148	250	12
Sheerness .....	243	148	72	27	45	27	37	102	144	165	188	90	1,575
Taber .....	95	37	49	22	.....	.....	.....	.....	.....	.....	.....	.....	1,001
Whitecourt .....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	2
Gleichen .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
Total .....	1,829	3,504	1,217	1,523	1,192	1,812	3,318	3,011	2,102	1,747	2,205	2,247	25,707

Amount of Sub-Bituminous Coal Put to Waste by areas during each month:

Coalspur .....	1,998	2,449	3,773	2,318	2,008	1,804	1,479	2,434	2,537	2,245	2,034	2,800	27,879
Pincher .....	23	10	8	5	.....	.....	6	10	10	.....	15	18	105
Total .....	2,021	2,459	3,781	2,323	2,008	1,804	1,485	2,444	2,547	2,245	2,049	2,818	27,984



Amount of Bituminous Coal Put to Waste by areas during each month:

	25	21	20	10	17	6	10	22	33	23	30	30	247
Cascade .....	6,463	6,444	6,544	6,666	4,083	5,745	5,424	5,734	6,187	5,939	7,112	7,701	74,042
Crownest .....	37												37
Highwood .....													
Total .....	6,525	6,465	6,564	6,676	4,100	5,751	5,434	5,756	6,220	5,962	7,142	7,731	74,326

Amount of Domestic Coal Lifted from Stock by areas during each month:

	30	610	3,072	1,083	248	328	230	155	165	227	1,662	3,264	30
Big Valley .....													610
Carbon .....	6,518	5,232	3,072	1,083	248	328	230	155	165	227	1,662	3,264	22,184
Drumheller .....	359	373	195	80	110		216	78	156	10	1,239	75	937
Edmonton .....	183	37								1,100			3,274
Lethbridge .....		35											35
Pembina .....		4	16										20
Whitecourt .....													
Total .....	7,060	5,681	3,923	1,163	358	328	446	233	321	1,337	2,901	3,339	27,090

Amount of Sub-Bituminous Coal Lifted from Stock by areas during each month:

	12	11	1,123	228	343	372	400	189	179	6	11	2,863
Coalspur .....												2,863
Pekisko .....		11				4		25				25
Pincher .....					16			5	22			58
Saunders .....										47		47
Total .....	12	11	1,123	228	359	376	400	219	201	53	11	2,993



Output and Number of Mines Producing

Kind of Coal	Under 1,000 tons		1,000 to 5,000 tons		5,000 to 10,000 tons		10,000 to 50,000 tons		50,000 to 100,000 tons		100,000 to 150,000 tons		150,000 to 200,000 tons		200,000 to 300,000 tons		Over 300,000 tons		Total
	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	
Domestic	63	30,238	52	111,260	15	102,272	25	491,270	10	670,680	5	558,542	2	321,506	4	927,345	...	...	176,321,113
Sub-Bituminous	5	2,122	1	2,498	1	7,643	2	64,094	1	95,793	2	228,649	2	332,748	...	...	...	...	14,733,547
Bituminous	1	271	2	5,636	...	...	1	49,552	...	...	...	...	...	...	3	878,211	7	2,873,949	14,380,619
Total	69	32,631	55	119,394	16	109,915	28	604,916	11	766,473	7	877,191	4	654,254	7	1,805,556	7	2,873,949	204,775,279

## THE MINES BRANCH

Number of men employed in the DOMESTIC FIELD as at December 31st, 1942:

Areas	UNDERGROUND										ABOVE GROUND										TOTAL					
	Officials	Hand Cutters	Machine Cut- ters & Helpers	Machine Loaders	Chute Loaders	Horse H'g'e Employees	Mechanical H'g'e Empls	Ventilation Employees	Road Makers	Timber Men	Pump Men	Other Employees	Total Underground	Adminis- tration	Foremen and Clerks	Screenmen and Loaders	Engine Men	Firemen	Machinists	Carpenters and Masons		Other Mechanics	Surface Haulage	All Other Employees	Total Above Ground	
Ardley .....	6	22	8	...	...	2	...	...	...	...	...	...	28	...	...	1	6	...	...	2	...	...	1	...	1	29
Big Valley .....	7	17	...	...	...	...	...	...	...	...	...	...	34	...	...	3	10	1	...	...	...	...	...	...	14	48
Brooks .....	1	11	...	...	...	5	...	...	...	...	...	9	63	2	5	1	7	1	...	...	...	...	...	9	25	88
Camrose .....	11	14	11	51	...	14	1	...	2	2	...	...	106	...	...	5	11	2	2	...	...	3	4	...	22	128
Carbon .....	25	95	6	...	...	1	...	...	...	...	1	5	133	1	...	5	11	3	...	...	...	...	...	4	14	147
Castor .....	...	...	...	...	...	...	...	...	...	...	...	...	25	...	...	1	2	...	...	...	...	...	...	...	2	27
Champion .....	4	21	...	...	...	...	...	...	...	...	...	...	1755	11	55	193	12	7	14	8	12	5	78	395	2150	
Drumheller .....	98	30	155	954	...	184	56	10	93	64	3	108	719	6	21	39	23	2	3	4	3	6	21	128	847	
Edmonton .....	44	163	34	253	...	46	14	2	30	51	3	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen .....	6	46	4	9	...	4	...	...	...	2	1	3	75	1	1	1	1	1	...	...	...	...	...	...	...	...
Halcourt .....	2	3	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Lethbridge .....	28	4	40	291	...	49	32	6	8	22	2	23	505	4	26	45	13	3	5	5	12	5	43	161	666	
Milk River .....	1	...	3	...	...	...	...	...	...	...	...	...	4	...	1	1	1	...	...	...	...	...	...	...	...	...
Pakowki .....	2	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Pembina .....	3	32	4	20	...	5	...	...	2	2	...	1	45	1	...	...	...	3	1	...	...	...	...	...	...	...
Redcliff .....	2	...	...	...	...	...	...	...	...	...	...	2	36	...	...	7	1	...	...	...	...	...	...	...	...	...
Rochester .....	1	1	...	...	...	...	...	...	...	...	...	...	4	1	3	5	5	...	...	...	...	...	...	...	...	...
Sheerness .....	1	1	...	...	...	...	...	...	...	...	...	...	1	3	2	2	...	...	...	...	...	...	...	...	...	...
Taber .....	3	3	2	10	...	1	...	...	...	...	...	1	20	...	...	...	1	...	...	...	...	...	...	...	...	...
Tofield .....	2	10	...	...	...	...	...	...	...	...	...	...	12	2	3	39	3	...	...	...	...	...	...	...	...	...
Wetaskiwin .....	1	2	...	...	...	...	...	...	...	...	...	5	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Whitecourt .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total .....	250	520	267	1,588	...	319	104	19	135	145	10	238	3,595	33	136	386	64	14	25	17	29	28	218	950	4,545	

Number of men employed in the SUB-BITUMINOUS FIELD as at December 31st, 1942

Coalspur	20	73	28	91	28	18	11	4	2	22	3	11	311	13	31	61	21	22	15	19	21	28	144	375	686
Pekisko	2	6	2	1	2	1	1	1	1	1	1	11	1	1	1	1	1	1	1	1	1	1	4	15	
Pincher	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	3	
Saunders	6	1	12	56	1	1	5	2	2	4	3	89	2	2	4	14	6	2	2	1	2	2	34	123	
Total	29	80	40	147	30	20	16	4	4	26	3	14	413	17	35	75	28	25	15	20	22	30	147	414	827

## BITUMINOUS FIELD

Cascade	16	99	5	13	6	31	2	7	5	8	165	214	1	12	32	4	7	3	2	54	26	141	92	306
Crowsnest	91	855	5	4	133	23	142	15	29	158	8	1,634	29	62	124	14	20	21	16	16	16	141	507	2,141
Highwood	41	114	1	1	34	30	55	13	8	49	8	603	5	22	54	10	24	15	12	8	14	108	272	875
Mountain Park	14	114	1	1	46	21	4	30	23	3	3	255	2	17	6	1	7	4	13	10	2	114	175	430
Nordegg																								
Total	163	1,364	29	17	167	111	249	34	74	235	19	2,711	37	113	216	28	58	43	43	72	42	394	1,046	3,757

## SUMMARY

Domestic.....	250	520	267	1,588	319	104	19	135	145	10	238	3,595	33	136	386	64	14	25	17	29	28	218	950	4,545	
Sub-Bituminous .....	29	80	40	147	30	20	16	4	4	26	3	14	413	17	35	75	28	25	15	20	22	30	147	414	
Bituminous .....	163	1,364	29	17	167	111	249	34	74	235	19	2,711	37	113	216	28	58	43	43	72	42	394	1,046	3,757	
Total.....	442	1,964	336	1,752	197	450	369	57	213	406	32	501	6,719	87	284	677	120	97	83	80	123	100	759	2,410	9,129

## THE MINES BRANCH

Men employed above and below ground in the DOMESTIC FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Monthly Average
Ardley	24	21	13	5	2	3	4	5	11	12	25	29	13
Big Valley	16	15	8	11	6	6	6	4	4	6	8	48	12
Brooks	15	15	13	11	11	9	14	15	13	12	26	27	15
Camrose	120	112	70	47	48	50	55	58	57	60	85	88	71
Carbon	109	97	87	71	58	61	73	78	80	83	115	128	87
Castor	115	98	74	29	24	19	30	46	60	81	128	147	71
Champion	38	34	29	22	21	19	20	20	18	21	24	27	24
Drumheller	2,296	2,137	1,704	1,188	1,019	1,659	1,919	1,978	1,956	1,977	2,084	2,150	1,839
Edmonton	889	810	662	460	390	395	422	487	520	556	734	847	598
Gleichen	92	89	78	36	32	31	28	51	45	31	82	83	57
Haicourt	20	16	14	8	4	4	4	5	9	31	28	10	13
Lethbridge	582	572	462	379	375	496	584	570	563	559	618	666	536
Magrath													
Milk River	7	5	4	4	4	5	5	6	6	7	13	8	6
Pakan													
Pakowki	3	1	1	2	1	1	2	2	2	2	2	3	2
Pembina	75	74	65	59	55	51	51	50	52	54	60	59	59
Redcliff	50	42	29	25	23	28	32	30	30	36	41	46	34
Rochester	8	8	6	4	3	3	2	2	2	4	18	17	6
Sexsmith													
Sheerness	40	30	28	21	20	23	24	19	23	21	32	22	26
Taber	42	32	26	24	19	16	20	29	31	33	35	30	28
Tofield	72	56	41	41	42	42	42	41	42	42	62	90	51
Westlock													
Wetaskiwin	5	4	2	2	2	2	2	2	2	3	5	8	3
No Area													
Whitecourt	1	1									1	2	1
Total	4,619	4,269	3,416	2,449	2,159	2,923	3,336	3,493	3,526	3,600	4,226	4,545	3,552

Men employed above and below ground in the SUB-BITUMINOUS FIELD by areas during each month:

Coalspur .....	567	583	563	533	535	558	580	585	562	592	674	686	586
Pekisko .....	27	28	21	18	11	12	14	15	12	10	13	13	15
Pincher .....	5	5	3	2	2	2	2	3	2	2	3	3	3
Saunders .....	130	132	111	73	93	96	101	108	104	105	111	123	108
Total .....	729	748	698	626	641	668	697	712	678	707	801	827	712

Men employed above and below ground in the BITUMINOUS FIELD by areas during each month:

Cascade .....	306	309	309	309	309	304	309	305	298	296	301	306	305
Crownest .....	2,093	2,074	2,077	2,099	2,097	2,047	2,019	2,065	2,018	2,023	2,098	2,141	2,065
Highwood .....	6	6	6	6	6	6	6	6	6	6	6	6	6
Mountain Park .....	1,947	1,943	1,931	1,914	1,903	988	939	947	887	835	882	875	947
Nordegg .....	491	509	489	484	477	462	477	453	401	404	409	430	453
Total .....	3,943	3,935	3,906	3,906	3,886	3,801	3,744	3,776	3,569	3,558	3,690	3,757	3,776

Men employed above and below ground in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS FIELDS by areas during each month:

Domestic .....	4,619	4,269	3,416	2,449	2,159	2,923	3,336	3,552	3,493	3,526	3,600	4,545	3,552
Sub-Bituminous .....	729	748	698	626	641	668	697	712	711	678	707	801	712
Bituminous .....	3,943	3,935	3,906	3,906	3,886	3,801	3,744	3,776	3,569	3,558	3,690	3,757	3,776
Total .....	9,291	8,952	8,020	6,981	6,686	7,392	7,777	8,040	7,773	7,772	7,865	9,129	8,040

## THE MINES BRANCH

## PER CAPITA PRODUCTION OF MINES IN THE PROVINCE

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed under-ground	Tons of coal mined per man employed under-ground
1906	1,385,000	2,800	494	2,000	692
1907	1,834,745	3,600	509	2,700	679
1908	1,845,000	3,780	488	2,681	688
1909	2,174,329	5,207	417	3,893	566
1910	3,036,757	5,818	504	4,090	742
1911	1,694,564	6,689	253	4,517	375
1912	3,446,349	6,661	517	4,861	708
1913	4,306,346	8,068	533	5,837	737
1914	3,821,739	8,170	467	6,052	631
1915	3,434,891	6,445	532	4,493	764
1916	4,648,604	7,570	614	5,536	839
1917	4,863,414	8,310	595	6,047	804
1918	6,148,620	8,818	697	6,141	1,001
1919	5,022,412	7,573	663	5,150	958
1920	6,908,923	9,688	712	6,551	1,055
1921	5,937,195	10,018	592	7,203	824
1922	5,976,432	8,757	683	6,154	971
1923	6,866,923	9,927	687	7,249	893
1924	5,202,713	7,317	711	5,299	982
1925	5,883,394	8,774	670	6,498	834
1926	6,508,908	8,763	743	6,569	991
1927	6,936,780	9,016	768	6,681	970
1928	7,334,179	9,496	772	6,625	1,107
1929	7,147,250	9,572	747	7,115	1,004
1930	5,755,911	8,889	648	6,607	871
1931	4,563,309	8,070	577	5,969	701
1932	4,867,984	7,837	621	5,772	844
1933	4,714,784	8,042	586	5,937	794
1934	4,748,848	7,863	604	5,809	744
1935	5,462,973	7,800	700	5,644	969
1936	5,696,375	8,110	702	5,940	959
1937	5,551,682	7,836	708	5,806	956
1938	5,230,025	7,411	706	5,427	965
1939	5,518,105	7,456	740	5,517	1,000
1940	6,205,088	7,416	836	5,526	1,122
1941	6,970,064	7,714	903	5,652	1,233
1942	7,754,279	8,040	964	5,865	1,322

## PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD

1910	878,011	2,307	380	1,676	524
1911	964,700	3,548	271	2,488	391
1912	1,341,389	2,980	450	2,283	587
1913	1,763,225	4,017	438	2,929	601
1914	1,697,401	4,219	402	3,190	532
1915	1,682,922	3,181	529	2,210	761
1916	2,172,801	4,132	525	3,137	692
1917	2,537,829	4,701	539	3,489	727
1918	3,035,061	4,896	619	3,420	887
1919	2,611,009	4,226	617	2,953	884
1920	3,359,308	5,173	647	3,723	902
1921	2,943,141	5,601	525	4,256	691
1922	3,086,669	4,981	620	3,752	823
1923	3,161,741	4,969	636	3,765	812
1924	3,096,660	4,543	681	3,447	898
1925	3,156,359	4,874	647	3,750	808
1926	3,160,029	4,798	658	3,714	816
1927	3,357,171	4,663	720	3,603	891
1928	3,378,200	4,810	702	3,700	873
1929	3,385,749	4,944	685	3,813	880
1930	2,874,090	4,822	596	3,756	765
1931	2,245,563	4,400	510	3,419	628
1932	2,574,785	4,548	566	3,539	728
1933	2,434,047	4,480	543	3,487	698
1934	2,295,566	4,289	535	3,370	644
1935—Stp. pit	130,084	96	1,355	.....	.....
B. Ground	2,517,828	3,927	658	3,059	823
1936—Stp. pit	80,111	107	749	.....	.....
B. Ground	2,761,120	4,112	671	3,243	851
1937—Stp. pit	80,116	79	1,014	.....	.....
B. Ground	2,551,034	3,148	810	3,162	832
1938—Stp. pit	72,829	74	945	.....	.....
B. Ground	2,380,434	3,573	667	2,846	801*
1939—Stp. pit	76,394	73	1,048	.....	.....
B. Ground	2,372,805	3,636	653	2,900	818*
1940—Stp. pit	74,021	71	1,042	.....	.....
B. Ground	2,463,184	3,556	692	2,844	866*
1941—Stp. pit	88,142	63	1,399	.....	.....
B. Ground	2,625,112	3,427	766	2,745	956*
1942—Stp. pit	119,615	67	1,785	.....	.....
B. Ground	3,093,498	3,485	888	2,777	1,114*

\*See note on page over.



## PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1922—Stp. pit .....	367,514	217	1,692	.....	.....
..... B. Ground .....	179,550	403	445	277	648
1923—Stp. pit .....	288,467	190	1,513	.....	.....
..... B. Ground .....	174,994	354	494	260	673
1924—Stp. pit .....	369,724	211	1,752	.....	.....
..... B. Ground .....	222,222	393	565	278	799
1925—Stp. pit .....	335,993	162	2,074	.....	.....
..... B. Ground .....	245,842	461	533	326	754
1926—Stp. pit .....	258,964	147	1,761	.....	.....
..... B. Ground .....	231,407	443	545	305	758
1927—Stp. pit .....	304,584	194	1,583	.....	.....
..... B. Ground .....	290,606	478	608	321	905
1928—Stp. pit .....	394,682	179	2,205	.....	.....
..... B. Ground .....	345,810	643	536	457	756
1929—Stp. pit .....	319,764	163	1,962	.....	.....
..... B. Ground .....	348,344	585	595	402	866
1930—Stp. pit .....	304,144	157	1,937	.....	.....
..... B. Ground .....	299,187	569	526	390	767
1931—Stp. pit .....	280,251	161	1,803	.....	.....
..... B. Ground .....	191,138	486	393	336	569
1932—Stp. pit .....	348,266	177	1,868	.....	.....
..... B. Ground .....	211,213	491	430	341	619
1933—Stp. pit .....	309,365	170	1,820	.....	.....
..... B. Ground .....	244,776	516	474	370	661
1934—Stp. pit .....	302,054	158	1,912	.....	.....
..... B. Ground .....	235,488	482	489	326	722
1935—Stp. pit .....	287,970	180	1,600	.....	.....
..... B. Ground .....	278,466	501	830	337	826
1936—Stp. pit .....	263,899	175	1,508	.....	.....
..... B. Ground .....	302,587	532	569	360	841
1937—Stp. pit .....	229,747	149	1,542	.....	.....
..... B. Ground .....	276,782	504	549	348	795
1938—Stp. pit .....	227,317	148	1,536	.....	.....
..... B. Ground .....	261,595	633	772	327	800*
1939—Stp. pit .....	246,459	142	1,735	.....	.....
..... B. Ground .....	265,646	494	538	320	830*
1940—Stp. pit .....	318,425	241	1,321	.....	.....
..... B. Ground .....	280,261	393	713	328	854*
1941—Stp. pit .....	320,801	272	1,179	.....	.....
..... B. Ground .....	264,652	384	689	248	1,069*
1942—Stp. pit .....	332,748	191	1,742	.....	.....
..... B. Ground .....	400,799	521	769	342	1,172*

\*See note on page over.

## PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD

1910 .....	1,896,961	2,981	636	2,076	914
1911 .....	649,745	2,645	246	1,820	357
1912 .....	1,926,371	3,243	594	2,353	818
1913 .....	2,374,401	3,562	666	2,645	897
1914 .....	1,953,367	3,529	553	2,632	742
1915 .....	1,626,237	2,921	557	2,103	773
1916 .....	2,335,259	3,142	743	2,258	1,034
1917 .....	2,206,868	3,335	661	2,429	909
1918 .....	2,982,334	3,686	820	2,597	1,109
1919 .....	2,325,787	3,118	745	2,100	1,108
1920 .....	3,410,021	4,228	809	2,711	1,202
1921 .....	2,897,380	4,133	701	2,820	1,026
1922 .....	2,214,273	3,034	729	2,084	1,062
1923 .....	3,241,614	4,345	746	3,215	1,008
1924 .....	1,515,107	2,171	698	1,574	966
1925 .....	2,145,200	3,277	654	2,422	885
1926 .....	2,858,508	3,375	847	2,550	1,121
1927 .....	2,984,419	3,682	810	2,757	1,082
1928 .....	3,215,481	3,862	832	2,468	1,302
1929 .....	3,093,393	3,880	797	2,898	1,077
1930 .....	2,278,490	3,341	682	2,461	926
1931 .....	1,846,357	3,023	611	2,214	834
1932 .....	1,733,720	2,621	660	1,892	916
1933 .....	1,726,596	2,876	600	2,080	830
1934 .....	1,915,740	2,934	653	2,113	907
1935 .....	2,248,625	3,096	726	2,248	1,000
1936 .....	2,288,658	3,184	719	2,337	979
1937 .....	2,414,003	3,156	765	2,295	1,052
1938 .....	2,287,850	3,131	731	2,254	1,015
1939 .....	2,556,801	3,111	822	2,297	1,113
1940 .....	3,069,197	3,155	972	2,354	1,303
1941 .....	3,671,357	3,568	1,029	2,659	1,381
1942 .....	3,807,619	3,766	1,008	2,746	1,387

## THE MINES BRANCH

## PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910 .....	261,785	530	493	338	774
1911 .....	80,119	500	160	209	383
1912 .....	178,589	438	407	225	793
1913 .....	168,720	489	345	263	641
1914 .....	170,971	422	405	230	743
1915 .....	125,732	343	366	180	688
1916 .....	140,544	296	474	141	996
1917 .....	118,717	284	418	129	920
1918 .....	131,225	286	458	124	1,058
1919 .....	85,616	229	374	95	901
1920 .....	130,594	287	455	117	1,116
1921 .....	96,674	284	341	127	761
1922 .....	40,417	112	361	41	986
1923 .....	107	69	1	9	12

NOTE.—The table showing the number of men employed in the Anthracite Coal Field, includes employees at the briquetting plant. There has been no anthracite coal produced since 1923.

\*Calculating the total per capita production for men employing underground, the tonnage mined from stripping pits was deducted and only the tonnage produced from mines was used.

It will also be noted that the tonnage used in the above and following tables does not include tonnage extracted under permit.

## PER CAPITA PRODUCTION OF MINES BY AREAS:

## DOMESTIC COAL FIELD

Areas	Gross tons of coal mined	Total Average No. of men employed	Tons of coal mined per man employed	Average No. of men employed under- ground	Tons of coal mined per man employed under- ground
Ardley .....	5,938	13	457	12	495
Big Valley .....	4,708	12	392	9	523
Brooks .....	14,097	15	940	8	1,762
Camrose .....	47,627	71	671	52	916
Carbon .....	63,750	87	733	67	951
Castor .....	42,482	71	598	66	644
Champion .....	12,369	24	515	22	562
Drumheller .....	1,785,021	1,839	971	1,491	1,197
Edmonton .....	514,479	598	860	491	1,048
Gleichen .....	21,979	57	386	50	440
Halcourt .....	2,403	13	185	9	267
Lethbridge .....	470,065	536	877	393	1,196
Milk River .....	1,368	6	228	3	456
Pakowki .....	469	2	235	2	235
Pembina .....	58,980	59	1,000	44	1,340
Redcliff .....	24,969	34	734	26	960
Rochester .....	3,289	6	548	3	1,096
Sheerness (Stripping) .....	49,573	24	1,983	.....	.....
Sheerness (Underground) .....	917	2	459	2	459
Taber .....	13,191	28	471	19	694
Tofield (Stripping) .....	70,042	43	1,629	.....	.....
Tofield (Underground) .....	3,326	8	416	6	554
Wetaskiwin .....	1,783	3	594	3	594
Whitecourt .....	289	1	288	.....	.....
Total .....	3,213,113	3,552	905	2,777	1,114*

## SUB-BITUMINOUS COAL FIELD

Coalspur (Stripping) .....	332,748	191	1,742	.....	.....
Coalspur (Underground) .....	325,313	394	826	253	1,286
Pekisko .....	10,786	16	674	12	899
Pincher .....	606	3	202	2	303
Saunders .....	64,094	108	593	75	855
Total .....	733,547	712	1,030	342	1,172*

\*This figure is arrived at by deducting the tonnage from stripping pits from gross tonnage mined and dividing the product by the number of men employed underground.

## BITUMINOUS COAL FIELD

Cascade .....	337,659	305	1,107	212	1,593
Crowsnest .....	2,170,222	2,065	1,051	1,579	1,374
Highwood .....	271	6	45	5	54
Mountain Park .....	932,403	947	985	678	1,375
Nordegg .....	367,064	453	810	272	1,350
Total .....	3,807,619	3,776	1,008	2,746	1,387

Number of days on which Coal was drawn in the DOMESTIC FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	13.0	10.9	7.68	6.34	12.0	11.0	10.0	12.5	14.2	17.3	23.0	20.4	158.32
Big Valley	18.0	16.5	11.3	12.67	10.5	13.0	11.5	13.0	13.5	20.0	23.0	23.9	188.87
Brooks	26.0	24.0	26.0	23.5	22.5	14.5	16.5	16.5	26.0	27.0	23.0	26.0	282.0
Camrose	21.7	15.84	10.8	17.5	15.5	17.5	20.0	25.5	25.5	16.8	21.8	23.9	234.34
Carbon	17.16	15.0	13.0	9.7	9.63	11.45	9.4	15.3	17.0	18.6	22.17	21.5	183.91
Castor	16.12	14.2	11.53	8.33	9.91	9.46	20.2	23.2	16.4	18.1	21.56	22.98	173.89
Champion	18.8	20.0	16.0	14.75	13.75	16.75	20.0	23.5	25.5	23.5	24.75	24.0	241.30
Drumheller	22.52	14.0	10.7	11.57	10.2	17.1	20.2	21.7	22.6	22.9	22.6	22.5	219.19
Edmonton	21.66	19.55	18.0	16.24	14.5	16.82	16.0	19.1	22.32	24.0	22.36	23.15	233.70
Gleichen	20.5	18.5	17.7	13.67	13.0	15.5	18.8	18.0	20.0	21.8	18.1	20.5	216.07
Halcourt	24.0	18.0	15.8	21.0	11.0	15.0	.....	25.5	23.0	24.7	23.0	24.7	178.0
Lethbridge	19.28	15.3	13.1	14.56	13.88	16.63	18.6	22.0	21.43	19.7	23.44	21.1	219.02
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	17.34	8.7	12.5	7.5	13.0	9.5	9.5	19.0	16.5	15.0	23.0	17.0	168.54
Pakan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pakowki	7.5	8.0	8.0	7.0	.....	.....	16.0	8.0	6.0	12.0	22.5	16.0	111.0
Pembina	23.0	13.3	14.0	22.0	10.0	17.0	24.0	23.0	25.0	26.0	18.0	25.5	242.8
Reedcliff	19.0	16.0	11.5	8.5	6.0	15.0	24.5	24.5	24.0	26.0	25.0	23.0	223.0
Rochester	21.5	14.5	4.5	2.5	2.0	2.0	3.0	3.0	3.0	16.0	16.5	26.5	115.0
Sexsmith	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheerness	19.4	15.0	15.0	11.75	18.67	11.0	17.3	16.8	13.1	18.75	19.72	22.2	198.69
Taber	16.0	13.9	13.9	11.1	8.17	12.5	13.0	13.6	17.0	20.4	17.0	18.0	174.57
Tofield	20.25	18.25	16.3	11.34	11.0	11.67	11.0	9.5	14.7	15.0	21.75	22.25	183.01
Westlock	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Westkiwin	18.0	15.0	10.0	2.0	.....	.....	.....	2.0	6.0	15.0	25.0	21.0	114.0
Whitecourt	21.0	16.0	.....	.....	.....	.....	.....	.....	.....	.....	26.0	24.0	87.0
No Area	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	19.17	15.56	13.21	12.07	11.85	13.44	15.9	16.19	17.82	19.71	22.06	22.37	199.35

Number of days on which Coal was drawn in the SUB-BITUMINOUS FIELD by areas during each month:

Coalspur	23.17	22.5	20.0	23.4	22.2	25.25	19.0	25.2	24.6	24.0	23.2	21.5	274.03
Petisko	24.67	22.75	24.0	14.34	13.0	11.5	23.7	24.5	23.0	24.5	24.5	25.0	255.46
Pincher	11.5	11.0	11.0	7.0	.....	.....	8.0	14.0	9.0	.....	20.0	21.0	112.50
Saunders	25.0	20.5	16.0	17.5	15.5	22.5	22.0	26.5	23.5	25.5	25.0	24.5	264.00
Total	21.09	19.19	17.8	15.56	16.9	19.75	18.18	22.55	20.0	24.7	23.17	23.0	241.89

Number of days on which Coal was drawn in the BITUMINOUS FIELD by areas during each month:

Cascade .....	25.5	23.5	26.0	25.0	24.5	24.0	25.0	23.0	25.0	25.5	24.5	24.5	24.5	296.00
Crowsnest .....	24.17	22.7	23.2	22.5	18.0	22.5	22.5	22.5	23.5	25.3	24.33	24.9	24.9	276.1
Highwood .....	11.0											8.0	8.0	19.0
Mountain Park .....	23.0	18.5	22.2	24.5	23.75	25.5	24.5	22.75	24.5	25.5	23.0	24.0	24.0	281.7
Nordegg .....	26.0	24.0	22.0	21.0	20.0	25.0	24.0	26.0	22.0	23.0	22.0	22.0	22.0	277.0
Total .....	21.93	22.18	23.35	23.25	21.56	24.25	24.0	23.56	23.75	24.83	23.45	20.68	20.68	276.79

Number of days on which Coal was drawn each month:

Domestic .....	19.17	15.56	13.21	12.07	11.85	13.44	15.9	16.19	17.82	19.71	22.06	22.37	22.37	199.35
Sub-Bituminous .....	21.09	19.19	17.8	15.56	16.9	19.75	18.18	22.55	20.0	24.7	23.17	23.0	23.0	241.89
Bituminous .....	21.93	22.18	23.35	23.25	21.56	24.25	24.0	23.56	23.75	24.83	23.45	20.68	20.68	276.79
Total .....	20.73	18.98	18.12	16.96	16.77	19.15	19.36	20.77	20.52	23.08	22.89	22.02	22.02	239.35

## THE MINES BRANCH

Total number of shifts worked above and below ground by areas during each month for the six months ending June 30, 1942:

## DOMESTIC FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Ardley .....	24	284	18	213	9	89	18	20	6	24	36	51	666	
Big Valley .....	64	256	24	202	12	89	121	93	111	38	52	134	730	
Brooks .....	150	168	153	147	101	136	121	97	229	137	110	746	815	
Canrose .....	627	2,060	428	1,384	293	746	255	621	659	659	231	731	6,201	
Carbon .....	469	1,766	334	1,261	256	885	209	657	305	739	297	856	6,164	
Castor .....	141	1,636	100	1,308	59	691	31	197	37	170	44	166	4,168	
Champion .....	69	664	61	523	45	325	35	328	25	214	27	268	2,322	
Drumheller .....	11,140	42,574	7,713	31,277	5,218	16,643	4,262	14,617	4,387	12,322	6,488	24,320	39,208	
Edmonton .....	2,989	15,684	2,429	12,599	2,282	9,783	1,813	6,814	1,614	5,293	1,750	5,874	12,877	
Gleichen .....	242	1,864	211	1,653	198	1,533	115	503	103	427	97	545	966	
Halcourt .....	71	410	28	318	24	242	16	132	11	33	15	45	165	
Lethbridge .....	3,669	9,446	2,635	5,523	2,417	3,841	2,321	4,148	2,641	4,800	3,320	7,916	17,003	
Magrath .....														
Milk River .....	82	8	38	6	40	10	20	10	40	10	21	240	55	
Pakowki .....	1	19		8		8		14		7	6	7	56	
Pembina .....	438	1,287	417	1,058	383	975	351	911	271	460	296	2,039	4,987	
Redcliff .....	192	714	160	502	92	292	64	335	48	196	139	695	2,492	
Rochester .....	64	119	56	93	23	45	21	32	28	12	32	224	313	
Sexsmith .....														
Sheerness .....	654	66	487	23	425	19	335	8	346		380	4	2,627	
Taber .....	195	436	156	317	171	201	110	150	95	138	98	150	1,392	
Torfield .....	1,550	147	1,095	74	825	72	880	12	847	34	833	26	3,365	
Westlock .....														
Wetaskiwin .....		100		80		30		10		10	10		240	
Whitecourt .....														
No Area .....	21		16									37		
Total .....	22,852	79,708	16,559	58,569	12,873	36,655	10,977	29,709	11,144	25,723	14,076	41,911	88,481	272,275

Total number of shifts worked above and below ground by areas during each month for the six months ending December 31, 1942:

## DOMESTIC FIELD

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1942	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Ardley	7	62	.....	80	10	145	9	196	25	733	23	520	67	1,736	118	2,402
Big Valley	152	50	.....	50	2	52	20	102	.....	183	338	828	369	1,265	503	1,995
Brooks	320	153	125	175	121	170	139	144	250	252	274	298	1,061	1,191	1,807	2,008
Camrose	448	881	279	944	289	996	327	976	498	1,305	585	1,478	2,298	6,580	4,361	12,781
Carbon	.....	1,068	447	1,392	392	1,402	404	1,406	419	2,171	574	1,813	2,624	9,252	4,494	13,416
Castor	61	306	67	723	87	870	104	1,033	221	2,354	289	2,850	829	8,136	1,241	12,304
Champion	36	322	46	389	87	387	45	355	50	514	49	544	278	2,511	540	4,833
Drumheller	8,725	34,631	9,553	37,660	9,243	35,905	9,714	37,226	9,349	36,931	9,600	38,497	56,184	220,850	95,392	362,603
Edmonton	1,748	5,973	2,108	8,003	3,370	7,620	2,431	9,916	2,675	12,056	2,899	15,326	15,231	58,894	28,108	114,941
Gleichen	149	457	151	914	175	861	155	533	199	1,392	205	1,704	1,034	5,861	2,000	12,386
Halcourt	.....	.....	.....	.....	88	108	.....	.....	181	281	117	169	386	558	551	1,738
Lethbridge	3,749	9,936	3,843	9,948	3,949	9,507	3,955	9,710	3,908	10,120	4,064	11,354	23,468	60,575	40,471	96,249
Milk River	20	21	40	23	30	25	40	87	228	85	74	32	432	279	672	344
Pakowki	12	20	4	12	1	11	5	19	10	35	21	32	53	129	60	185
Pembina	338	676	355	718	352	733	382	807	342	853	387	1,028	2,156	4,815	4,195	9,802
Redcliff	195	517	171	567	194	534	233	696	230	761	229	834	1,252	3,909	1,947	6,401
Rochester	12	12	15	15	12	12	21	49	186	99	261	104	507	291	731	604
Sheerness	381	14	294	24	292	18	340	11	735	23	742	24	2,784	104	5,411	224
Taber	117	178	231	355	204	418	246	496	274	416	202	366	1,274	2,229	2,099	3,621
Tofield	791	27	806	26	792	54	903	70	1,201	159	1,815	250	6,308	556	12,338	351
Wetaskiwin	.....	20	.....	10	.....	30	.....	.....	.....	108	.....	177	.....	415	.....	655
Whitecourt	.....	.....	.....	.....	.....	.....	.....	.....	26	.....	48	.....	74	.....	111	.....
Total	17,261	55,324	18,537	62,027	19,655	59,848	19,473	63,902	21,007	70,831	22,736	78,234	118,669	390,166	207,150	662,441

## SUB-BITUMINOUS FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Coalspur .....	9,046	5,830	8,756	5,852	9,256	5,508	8,186	5,216	8,187	4,786	8,759	5,160	52,190	32,352
Pekisko .....	122	423	157	369	103	354	73	212	62	109	66	120	583	1,587
Pincher .....	40	56	11	22	11	14	7	7	3	3	5	5	77	107
Saunders .....	903	2,192	839	1,957	639	1,770	438	672	393	1,030	693	1,497	3,905	9,118
Total .....	10,111	8,501	9,763	8,200	10,009	7,646	8,704	6,107	8,645	5,928	9,523	6,782	56,755	43,164

## BITUMINOUS FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Cascade .....	2,932	4,399	2,547	3,910	2,990	4,601	2,821	4,294	2,805	4,088	2,929	4,291	17,024	25,583
Crowsnest .....	12,856	37,459	11,978	35,136	12,981	38,259	17,351	32,505	12,014	30,124	12,943	37,364	80,123	210,847
Hughwood .....	11	55	5,998	16,530	6,861	19,038	6,370	17,418	7,138	16,914	7,148	17,692	39,657	106,358
Mountain Park .....	6,142	18,686	4,571	6,879	4,573	6,593	4,255	6,077	4,117	5,514	5,074	6,401	27,393	38,223
Nordeg .....	4,803	6,759	4,571	6,879	4,573	6,593	4,255	6,077	4,117	5,514	5,074	6,401	27,393	38,223
Total .....	26,744	67,338	25,094	62,555	27,405	68,491	30,797	60,294	26,074	56,640	28,094	65,748	164,208	381,066

## TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS COAL FIELDS

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Domestic .....	22,862	79,708	16,559	58,569	12,873	36,655	10,977	29,709	11,144	25,723	14,076	41,911	88,481	272,275
Sub-Bituminous .....	10,111	8,501	9,763	8,200	10,009	7,646	8,704	6,107	8,645	5,928	9,523	6,782	56,755	43,164
Bituminous .....	26,744	67,538	25,094	62,555	27,405	68,491	30,797	60,294	26,074	56,640	28,094	65,748	164,208	381,066
Total .....	59,707	155,547	51,416	129,324	50,287	112,792	50,478	96,110	45,863	88,291	51,693	114,441	309,444	696,505



## SUB-BITUMINOUS FIELD

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1942	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Coalspur .....	6,636	5,496	9,918	6,320	9,049	5,601	9,170	5,935	10,526	6,736	10,561	7,196	55,860	37,284	108,050	69,636
Pekisko .....	85	186	92	144	50	153	83	104	71	148	102	203	483	938	1,066	2,525
Pincher .....	16	16	26	26	9	9	10	10	20	30	21	48	92	139	169	246
Saunders .....	877	1,486	893	1,862	813	1,708	859	1,729	844	1,892	900	2,142	5,186	10,819	9,091	19,937
Total .....	7,614	7,184	10,929	8,352	9,921	7,471	10,112	7,778	11,461	8,806	11,584	9,589	61,621	49,180	118,376	92,344

## BITUMINOUS FIELD

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1942	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Cascade .....	3,008	4,138	2,754	3,241	2,891	3,876	2,899	3,931	2,740	3,824	2,833	4,116	17,225	23,126	34,249	48,709
Crownsnest .....	12,379	33,678	12,381	33,775	12,548	33,614	12,959	35,266	14,709	32,456	12,954	36,574	77,930	205,363	158,053	416,210
Highwood .....	6,943	14,882	6,295	13,740	5,647	13,278	4,892	12,228	5,944	14,227	6,469	14,733	36,190	83,088	75,847	108
Mountain Park .....	5,152	5,759	5,055	6,082	4,068	4,908	4,660	5,506	4,296	5,478	4,653	5,498	27,884	33,211	55,277	71,434
Nordegg .....																
Total .....	27,482	58,437	26,485	56,838	25,154	55,676	25,510	56,931	27,689	55,985	26,909	60,974	159,229	344,841	323,437	725,907

## TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS COAL FIELDS

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1942	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Domestic .....	17,261	55,324	18,537	62,027	19,655	59,848	19,473	63,902	21,007	70,831	22,736	78,234	118,669	390,166	207,150	662,441
Sub-Bituminous .....	7,614	7,184	10,929	8,352	9,921	7,471	10,112	7,778	11,461	8,806	11,584	9,589	61,621	49,180	118,376	92,344
Bituminous .....	27,482	58,437	26,485	56,838	25,154	55,676	25,510	56,931	27,689	55,985	26,909	60,974	159,229	344,841	323,437	725,907
Total .....	52,357	120,945	55,951	127,217	54,730	122,995	55,095	128,611	60,157	135,622	61,229	148,797	339,519	784,187	648,963	1,480,692

## THE MINES BRANCH

## AMOUNT OF MINE TIMBER USED DURING THE YEAR

## DOMESTIC COAL FIELD

Areas	Round Timber, linear feet	Lumber, B.M. feet	Ties, linear feet	Lagging, linear feet	Slabs, cords	Sprags
Ardley .....	31,360	.....	.....	.....	.....	.....
Big Valley .....	18,920	.....	.....	.....	.....	.....
Brooks .....	17,138	.....	.....	.....	.....	.....
Camrose .....	282,172	.....	.....	.....	.....	.....
Carbon .....	240,683	1,700	.....	.....	.....	.....
Castor .....	143,463	.....	.....	.....	.....	.....
Champion .....	47,294	.....	.....	.....	.....	.....
Drumheller .....	6,134,457	.....	164,280	40,030	.....	.....
Edmonton .....	2,782,133	.....	54,902	1,578	74¾	.....
Gleichen .....	76,539	.....	.....	.....	.....	.....
Halcourt .....	13,900	.....	.....	.....	.....	.....
Lethbridge .....	1,657,320	46,414	13,818	.....	.....	.....
Milk River .....	4,500	.....	.....	.....	.....	.....
Pakowki .....	3,200	.....	.....	.....	.....	.....
Pembina .....	207,450	.....	.....	.....	.....	.....
Redcliff .....	79,192	.....	.....	.....	.....	.....
Rochester .....	8,966	.....	.....	.....	.....	.....
Sheerness .....	1,200	.....	.....	.....	.....	.....
Taber .....	43,795	.....	.....	.....	.....	.....
Tofield .....	14,842	.....	.....	.....	.....	.....
Wetaskiwin .....	7,500	.....	.....	.....	.....	.....
Total .....	11,816,024	48,114	233,000	41,608	74¾	.....

## SUB-BITUMINOUS COAL FIELD

Coalspur .....	273,146	.....	.....	.....	.....	.....
Pekisko .....	25,700	.....	.....	.....	.....	.....
Pincher .....	2,000	.....	.....	1,200	.....	.....
Saunders .....	210,799	.....	59,500	80,404	.....	.....
Total .....	511,645	.....	59,500	81,604	.....	.....

## BITUMINOUS COAL FIELD

Cascade .....	449,188	.....	.....	19,450	.....	.....
Crowsnest .....	4,516,899	1,808,242	18,109	2,002,392	.....	6,000
Highwood .....	410	.....	.....	500	.....	.....
Mountain Park .....	1,059,616	392,000	950	.....	825	.....
Nordegg .....	1,261,596	.....	.....	.....	.....	.....
Total .....	7,287,709	2,200,242	19,059	2,022,342	825	6,000

## PARTICULARS OF LAMPS IN THE DOMESTIC COAL FIELD

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Portable Electric Lamps, Edison Cap Type	2,627	2,530	2,481	2,521	2,634	2,556	2,792	2,310	2,300	2,148	2,123	2,071	2,126	2,051
Portable Electric Lamps, Wheat Cap			66	66		66			58	104	37	31	30	34
Portable Electric Lamps, Wolfe	157	171	160	174	242	191	244	308	244	95	177	207	232	215
Safety Lamps, Wolfe Flame Type					3				4	26	27	48	25	26
Safety Lamps, Koehler Flame Type														
Total	2,784	2,701	2,807	2,761	2,879	2,813	3,039	2,618	2,606	2,373	2,395	2,357	2,413	2,326

## PARTICULARS OF LAMPS IN THE SUB-BITUMINOUS COAL FIELD

Portable Electric Lamps, Edison Cap Type	161	184	387	350	357	453	275	297	372	389	449	430	580	561
Safety Lamps, Wolfe Flame Type	37	25	51	59	39	46	39	38	45	39	41	45	44	32
Total	198	209	438	409	396	499	314	335	417	428	490	475	624	593

## PARTICULARS OF LAMPS IN THE BITUMINOUS COAL FIELD

Portable Electric Lamps, Edison Cap Type	3,310	3,458	4,458	3,005	2,922	2,638	2,743	2,607	2,788	2,745	2,517	2,712	3,119	3,290
Portable Electric Lamps, Wheat Electric Cap Type	12								25	25				
Portable Electric Lamps, Wolfe Electric Cap Type	20	20	7			20	324	25	327	319	255	268	284	247
Safety Lamps, Wolfe Flame Type	363	345	353	337	318	329	324	327	321	319	255	268	284	247
Total	3,705	3,823	4,818	3,342	3,240	2,987	3,067	2,959	3,134	3,089	2,772	2,980	3,403	3,537

## THE MINES BRANCH

## QUANTITY OF EXPLOSIVES USED IN POUNDS FOR BLASTING COAL:

## DOMESTIC COAL FIELD

Areas	Names of Explosives										Total
	Pellets	Polar Monobel No. 4	Polar Monobel No. 14	CXL-ITE	Cardox	Stopeite 40%	Dynamite 40%	Stumping Powder	Loose Black	Lump Kol Pellet	
Ardley .....	4,712	250								1,200	6,162
Big Valley .....	970		50								1,020
Brooks .....	7,800		265								8,065
Camrose .....			850								850
Carbon .....	13,453	½								5,500	18,953½
Castor .....	6,750							150		1,400	8,300
Champion .....	3,140									2,500	5,640
Drumheller .....	124,605	37,281	41,043	50	46,969	900				40,275	291,123
Edmonton .....	6,127	3,450	26,456				2,575			13,000	51,608
Gleichen .....	6,027										6,027
Halcourt .....	34							190			224
Lethbridge .....	2,000	10,484	23,962		58,451					220	95,117
Milk River .....	850										850
Pakowki .....	100	50									150
Pembina .....		391	266								657
Redcliff .....	4,160	150	1,350								5,660
Rochester .....			60					18			78
Sheerness .....	220								2,234		2,454
Taber .....	2,260										2,260
Tofield .....	125		200				50		8,825		9,200
Wetaskiwin .....			400								400
Whitecourt .....	20										20
Total .....	183,353	52,056½	94,902	50	105,420	900	50	2,933	11,059	64,095	514,818½

## SUB-BITUMINOUS COAL FIELD

Areas	Names of Explosives						Total
	Pellets	Polar Monobel No. 4	Polar Monobel No. 14	30% Polar Forcite	35% Polar Forcite	60% Polar Forcite	
Coalspur .....		84,011		55,810	8,950	500	149,271
Pekisko .....			7,680				7,680
Pincher .....		240					240
Saunders .....	2,900		9,260				12,160
Total .....	2,900	84,251	16,940	55,810	8,950	500	169,351

## BITUMINOUS COAL FIELD

Areas	Names of Explosives			Total
	Polar Monobel No. 4	Polar Monobel No. 6	Polar Monobel No. 14	
Cascade .....	68,800		220	69,020
Crowsnest .....	107,460			107,460
Highwood .....			35	35
Mountain Park .....	403,29	55,000		95,329
Total .....	216,589	55,000	255	271,844

Number of tons of coal produced per pound of Explosives used for blasting coal:

## DOMESTIC COAL FIELD

Areas	Number of tons of coal mined	Number of pounds of explosive used	Tons of coal mined per pound of explosive used
Ardley .....	5,938	6,162	.96
Big Valley .....	4,708	1,020	4.62
Brooks .....	14,097	8,065	1.75
Camrose .....	47,627	850	56.03
Carbon .....	63,750	18,953½	3.36
Castor .....	42,482	8,300	5.12
Champion .....	12,369	5,640	2.19
Drumheller .....	1,785,021	291,123	6.13
Edmonton .....	514,479	51,608	9.97
Gleichen .....	21,979	6,027	3.65
Halcourt .....	2,403	224	10.72
Lethbridge .....	470,065	95,117	4.94
Milk River .....	1,368	850	1.61
Pakowki .....	469	150	3.13
Pembina .....	58,980	657	89.77
Redcliff .....	24,969	5,660	4.41
Rochester .....	3,289	78	42.16
Sheerness .....	50,490	2,454	20.57
Taber .....	13,191	2,260	5.84
Tofield .....	73,368	9,200	7.97
Wetaskiwin .....	1,783	400	4.46
Whitecourt .....	288	20	14.40
Total .....	3,213,113	514,818½	6.24

## SUB-BITUMINOUS COAL FIELD

Coalspur .....	658,061	149,271	4.41
Pekisko .....	10,786	7,680	1.40
Pincher .....	606	240	2.52
Saunders .....	64,094	12,160	5.27
Total .....	733,547	169,351	4.33

## BITUMINOUS COAL FIELD

Cascade .....	337,659	69,020	4.89
Crowsnest .....	2,170,222	107,460	20.19
Highwood .....	271	35	7.74
Mountain Park .....	932,403	95,329	9.78
Nordegg .....	367,064	.....	.....
Total .....	3,807,619	271,844	14.00

## THE MINES BRANCH

Estimated number of shots fired for blasting coal:

## DOMESTIC COAL FIELD

Areas	Electric Deton- ators	Electric Squibs	Fuse	Squibs	Cardox Heaters	Total
Ardley .....	.....	.....	5,372	.....	.....	5,372
Big Valley .....	.....	.....	3,181	.....	.....	3,181
Brooks .....	.....	.....	231	3,960	.....	4,191
Camrose .....	2,600	.....	175	.....	.....	2,775
Carbon .....	1	.....	19,824	600	.....	20,425
Castor .....	.....	.....	5,496	642	.....	6,138
Champion .....	.....	.....	3,100	4,590	.....	7,690
Drumheller .....	124,557	41,685	94,893	21,500	15,598	298,233
Edmonton .....	39,272	1,576	33,709	200	.....	74,757
Gleichen .....	.....	.....	9,702	.....	.....	9,702
Halcourt .....	.....	.....	787	.....	.....	787
Lethbridge .....	61,861	1,485	.....	480	14,970	78,796
Milk River .....	.....	.....	333	900	.....	1,233
Pakowki .....	.....	.....	300	.....	.....	300
Pembina .....	509	.....	146	.....	.....	655
Redcliff .....	1,550	.....	105	6,500	.....	8,050
Rochester .....	.....	.....	105	.....	.....	105
Sheerness .....	.....	.....	1,099	.....	.....	1,099
Taber .....	.....	.....	607	3,628	.....	4,235
Tofield .....	.....	.....	3,583	.....	.....	3,583
Wetaskiwin .....	.....	.....	500	.....	.....	500
Whitecourt .....	.....	.....	45	.....	.....	45
Total .....	230,350	44,746	183,188	43,000	30,568	531,852

## SUB-BITUMINOUS COAL FIELD

Coalspur .....	71,103	.....	.....	.....	.....	71,103
Pekisko .....	7,670	.....	760	.....	.....	8,430
Pincher .....	414	.....	.....	.....	.....	414
Saunders .....	9,847	1,450	.....	.....	.....	11,297
Total .....	89,034	1,450	760	.....	.....	91,244

## BITUMINOUS COAL FIELD

Cascade .....	90,380	.....	.....	.....	.....	90,380
Crowsnest .....	118,681	.....	.....	.....	.....	118,681
Highwood .....	73	.....	.....	.....	.....	73
Mountain Park .....	78,976	.....	.....	.....	.....	78,976
Total .....	288,110	.....	.....	.....	.....	288,110

Number of miss-fire shots recorded in blasting coal in the Province:

## DOMESTIC COAL FIELD

Areas	CO <sub>2</sub> Heaters	Electric Deton- ators	Electric Squibs	Squibs	Fuse	Total
Ardley .....					12	12
Big Valley .....					5	5
Carbon .....					28	28
Castor .....				7	43	50
Drumheller .....	75	19	13	32	18	157
Edmonton .....		14		2	52	68
Gleichen .....					12	12
Halcourt .....					2	2
Lethbridge .....	557	3		2		562
Redcliff .....				4		4
Sheerness .....					5	5
Taber .....				7	2	9
Tofield .....					39	39
Total .....	632	36	13	54	218	953

## SUB-BITUMINOUS COAL FIELD

Coalspur .....		4				4
Pekisko .....		4				4
Saunders .....		6	5			11
Total .....		14	5			19

## BITUMINOUS COAL FIELD

Cascade .....		1				1
Crowsnest .....		10				10
Mountain Park .....		15				15
Total .....		26				26

## THE MINES BRANCH

Quantity of Explosives used in pounds for blasting rock in Coal-mines in the Province.

Areas	Names of Explosives														Total
	Pellets	Polar Monobel No. 4	Polar Monobel No. 6	Polar Monobel No. 14	Dynamite 40%	Stopeite 40%	Stopeite 60%	Dynamite 60%	CXL-ITE	Stumping Powder	Polar Forcite 30%	Polar Forcite 35%	Polar Forcite 40%	Polar Forcite 60%	
Carbon		463				150			3,950						613
Cascade															3,950
Castor						10									10
Champion				150					325						475
Coalspur									306					29,700	47,456
Crowsnest		370			48,020				14,832				15,300		63,222
Drumheller		6,627		2,103	50	2,550	15,725		5,250		2,050	100			32,305
Edmonton		350							2,550						2,900
Gleichen		25								125					25
Halcourt															125
Lethbridge		2,929		1,890					13,800					88,447	4,819
Mountain Park									25						102,247
Nordegg															25
Pekisko		130													130
Redcliff		100													100
Saunders	80			1,650											1,730
Taber		150			148										298
Whitecourt	20														20
Total	100	11,144		5,793	48,228	2,700	15,725		41,038	125	2,050	100	15,300	118,147	260,450



## Estimated number of shots fired for blasting rock in Coal-mines in the Province:

Areas	Electric Deton- ators	Electric Squibs	Fuse	Delay Action Deton- ators	Total
Carbon .....	11	.....	944	.....	955
Cascade .....	7,400	.....	.....	.....	7,400
Castor .....	.....	.....	20	.....	20
Champion .....	.....	.....	860	.....	860
Coalspur .....	5,264	.....	100	.....	5,364
Crowsnest .....	18,610	.....	.....	13,707	32,317
Drumheller .....	35,820	.....	9,600	.....	45,420
Edmonton .....	3,300	.....	.....	.....	3,300
Gleichen .....	.....	.....	80	.....	80
Halcourt .....	.....	.....	250	.....	250
Lethbridge .....	8,380	.....	.....	.....	8,380
Mountain Park .....	37,389	.....	.....	.....	37,389
Nordegg .....	37	.....	.....	.....	37
Pekisko .....	80	.....	.....	.....	80
Redcliff .....	.....	.....	38	.....	38
Saunders .....	580	70	.....	.....	650
Taber .....	105	.....	250	.....	355
Whitecourt .....	.....	.....	20	.....	20
Total .....	116,976	70	12,162	13,707	142,915

## Number of miss-fire shots recorded in blasting rock in Coal-mines in the Province:

Castor .....	.....	.....	3	.....	3
Crowsnest .....	7	.....	.....	.....	7
Drumheller .....	7	.....	101	.....	108
Mountain Park .....	98	.....	.....	.....	98
Taber .....	1	.....	2	.....	3
Total .....	113	.....	106	.....	219

## THE MINES BRANCH

## ELECTRICITY

The rules for the installation and use of electricity in or about mines requires a return to be made to the Department on or before January 15th of each year, giving size, type and any other particulars which may be required of electrical apparatus in use above and below ground. According to the return received from the different mines, electricity was used in 66 different mines in 1942. A summary of these returns regarding the horse-power of electrical apparatus in use is given below.

Areas	No. of mines using Electricity	Horse-power of electrical apparatus in use		Total Horse-power
		Above Ground	Below Ground	
Big Valley .....	1	25	33	58
Camrose .....	2	28	10	38
Carbon .....	5	132½	198	330½
Cascade .....	1	1,140	100	1,240
Coalspur .....	4	1,098	767½	1,865½
Crowsnest .....	5	14,561½	2,125	16,686½
Drumheller .....	20	3,360½	5,797¾	9,158¼
Edmonton .....	7	661	898	1,559
Gleichen .....	1	5	.....	5
Lethbridge .....	7	2,220	1,293	3,513
Mountain Park .....	3	2,657½	1,440	4,097½
Nordegg .....	2	553	122½	675½
Pembina .....	2	50	70½	120½
Pincher .....	1	5	.....	5
Redcliff .....	2	130	90	220
Saunders .....	2	116½	183	299½
Taber .....	1	15	30	45
Total .....	66	26,758½	13,158¼	39,916¾

## COAL-CUTTING MACHINERY

Areas	No. of machines operated by		Tons of coal mined by	
	Elec-tricity	Com-pressed air	Elec-tricity	Com-pressed air
Big Valley .....	1	1	2,435	25
Carbon .....	6	1	48,893	8,471
Cascade .....	.....	9	.....	85,000
Castor .....	.....	2	.....	7,791
Crowsnest .....	.....	3	.....	5,400
Crowsnest .....	.....	192*	.....	961,252
Drumheller .....	95	.....	1,841,170	.....
Edmonton .....	15	3	339,662	18,213
Gleichen .....	.....	1	.....	5,200
Lethbridge .....	22	.....	456,483	.....
Milk River .....	.....	1	.....	675
Pembina .....	1	.....	638	.....
Redcliff .....	3	.....	24,969	.....
Saunders .....	.....	9	.....	64,094
Taber .....	2	3	7,537	3,822
Coalspur .....	.....	21	.....	204,600
Total .....	145	246	2,721,787	1,364,543

\*Compressed air operated 192 picks.

## ACCIDENTS

Year	Output	Accidents			Tons of coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
1906	1,385,000	10	11	20	138,500	125,909	60,250
1907	1,834,745	19	18	68	96,565	101,930	26,981
1908	1,845,000	11	38	13	167,727	48,552	141,923
1909	2,174,329	9	42	18	241,952	51,769	120,796
1910	3,036,757	61a	41	58	49,782	71,067	52,375
1911	1,694,564	7	32	45	242,080	52,955	37,658
1912	3,446,349	21	38	58	164,111	90,693	59,419
1913	4,306,346	28	60	83	152,789	71,772	51,883
1914	3,821,739	209b	44	50	18,286	86,857	76,434
1915	3,434,891	18	33	33	190,827	104,087	104,087
1916	4,638,604	20	51	34	232,430	91,149	136,723
1917	4,863,414	24	62	39	202,642	78,442	124,703
1918	6,148,620	22	60	77	279,483	102,477	79,860
1919	5,022,412	21	56	54	239,162	89,685	93,008
1920	6,908,923	29	53	38	238,733	130,371	181,814
1921	5,937,195	21	64	25	282,721	92,769	237,488
1922	5,976,432	35	38	35	170,755	157,274	170,755
1923	6,866,923	22	44	10	312,133	156,066	686,692
1924	5,203,713	21	42	40	247,796	123,898	130,093
1925	5,883,394	30	59	56	196,113	99,718	105,060
1926	6,508,908	39c	67	119	166,398	97,148	54,696
1927	6,936,780	26	76	115	266,799	91,273	60,320
1928	7,334,179	28	71	122	261,935	103,298	60,166
1929	7,147,250	31	69	98	230,556	103,583	72,931
1930	5,755,911	11	69	97	523,265	83,419	59,339
1931	4,563,309	16	75	73	285,207	60,844	62,511
1932	4,867,984	11	61	96	442,544	79,803	50,708
1933	4,714,784	6	60	109	785,797	78,580	43,255
1934	4,748,848	15	68	70	316,589	69,836	67,840
1935	5,462,973	35d	66	113	156,085	82,772	48,352
1936	5,696,375	11	79	101	517,852	72,106	56,400
1937	5,551,682	20	72	73	277,584	77,107	76,050
1938	5,230,025	21e	72	135	249,049	72,639	38,741
1939	5,518,105	17	57	180	324,594	96,809	30,657
1940	6,205,088	13	79	97	477,314	78,545	63,970
1941	6,970,064	48f	78	142	145,209	89,360	49,084
1942	7,754,279	17	92	148	456,134	84,285	52,393
Total	185,395,894	1,003	2,097	2,742	184,841	88,410	67,613

- a. Including thirty-one deaths caused by the Bellevue Explosion.  
b. Including one hundred and eighty-nine deaths caused by the Hillcrest Explosion.  
c. Including ten deaths caused by the McGillivray Creek Coal & Coke Co., Ltd. Explosion.  
d. Including sixteen deaths caused by the explosion at the Lethbridge Collieries Ltd., at Coalhurst.  
e. Including five deaths caused by the explosion at Hinton Collieries Limited.  
f. Including four deaths caused by an explosion at North American Collieries, Ltd., Western Crown Mine, and twenty-nine deaths caused by an explosion at Brazeau Collieries, Ltd., Nordegg.

## ACCIDENTS DURING 1942, CLASSIFIED ACCORDING TO THE COAL FIELDS IN WHICH THEY OCCURRED

Domestic	3,213,113	2	46	80	1,606,556	69,850	40,163
Sub-Bituminous	733,547	1	5	9	733,547	146,709	81,505
Bituminous	3,807,619	14	41	59	271,972	92,868	64,535

## THE MINES BRANCH

Comparison of Accidents per 1,000,000 tons and per 1,000 men employed, 1915-1942:

Year	Tonnage	Total No. of men employed	Fatal Accidents			Serious Accidents			Slight Accidents			Total		
			No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed
1915	3,434,891	6,445	18	5.24	2.79	33	9.63	5.12	33	9.63	5.12	84	24.45	13.03
1916	4,538,604	7,570	20	4.31	2.64	51	10.99	6.74	34	7.33	4.49	105	22.61	13.87
1917	4,863,414	8,310	24	4.93	2.88	62	12.75	7.46	39	8.02	4.69	125	25.91	15.04
1918	6,148,620	8,774	22	3.57	2.51	60	9.95	6.84	77	12.52	7.78	159	25.85	18.12
1919	5,022,412	7,573	21	4.18	2.78	56	11.15	7.39	54	10.75	7.13	131	26.28	17.30
1920	6,908,923	8,688	29	4.20	2.98	53	7.81	6.10	38	5.50	4.37	120	17.37	13.81
1921	5,937,195	10,010	21	3.54	2.10	64	10.78	6.39	25	4.23	2.50	110	18.53	10.99
1922	5,976,432	8,547	35	5.86	4.09	38	6.36	4.45	35	5.86	4.09	108	18.07	12.64
1923	6,866,923	9,927	22	3.19	2.21	42	6.39	4.43	10	1.45	1.00	76	11.07	7.65
1924	5,203,713	7,317	21	4.03	2.86	44	8.07	5.74	40	7.68	5.47	103	19.79	14.35
1925	5,893,394	8,774	30	5.10	3.40	59	10.93	3.42	56	9.52	6.38	145	24.65	16.53
1926	6,508,908	8,763	39c	5.99	4.93	67	10.99	7.65	119	10.33	13.58	225	34.57	25.68
1927	6,936,760	9,016	26	3.75	2.88	76	10.86	8.43	115	16.50	12.71	217	31.28	24.06
1928	7,334,179	9,496	28	3.82	2.96	71	9.69	7.48	122	16.63	12.55	221	30.12	23.27
1929	7,147,250	9,572	31	4.34	3.24	69	9.65	7.21	98	13.71	10.24	198	27.70	20.50
1930	5,755,911	8,889	11	1.91	1.24	69	11.99	7.76	97	17.20	10.90	177	30.75	19.91
1931	4,563,309	8,070	16	3.51	1.98	75	16.44	9.27	73	16.00	9.04	164	35.92	20.32
1932	4,867,984	7,837	11	2.26	1.40	61	12.53	7.78	96	19.72	12.25	168	34.51	21.43
1933	4,714,784	8,042	6	1.27	1.75	60	12.73	7.46	109	20.99	13.55	175	37.12	21.76
1934	4,748,848	7,863	15	3.14	1.91	68	14.31	8.65	70	14.74	8.90	153	32.21	19.45
1935	5,462,973	7,824	35d	6.40	4.47	66	12.08	8.44	113	20.68	14.44	214	39.17	27.35
1936	5,696,375	8,110	11	1.93	1.36	79	13.87	9.74	101	17.73	12.45	191	33.53	23.55
1937	5,551,683	7,836	20	3.60	2.55	72	12.97	9.19	73	13.15	9.32	165	29.72	21.06
1938	5,230,025	7,411	21e	4.01	2.83	72	13.76	9.71	135	25.81	18.21	228	43.59	30.76
1939	5,518,105	7,456	17	3.08	2.27	57	10.33	7.64	180	32.60	24.14	254	46.03	34.06
1940	6,205,088	7,416	13	2.10	1.76	79	12.73	10.65	97	15.63	13.08	189	30.46	25.48
1941	6,970,064	7,714	48f	6.89	6.22	78	11.19	10.11	142	20.37	18.41	268	38.73	34.74
1942	7,754,279	8,040	17	2.19	2.11	92	11.86	11.44	148	19.09	18.48	257	33.14	31.95

c. Including 10 deaths by explosion at McGillivray Creek Coal &amp; Coke Co. Ltd., Coleman.

d. Including 16 deaths by explosion at Lethbridge Collieries Ltd., Coalhurst.

e. Including 5 deaths by explosion at Hinton Collieries Ltd., Hinton.

f. Including 4 deaths by explosion at North American Collieries Ltd., East Coulee, and 29 deaths by explosion at Brazeau Collieries, Ltd., Nordegg.

\*Output does not include coal produced by farmers under permit.

Number of tons produced per accident:

## DOMESTIC COAL FIELD

Areas	Output	Average No. of men employed	No. of tons produced per accident			
			Fatal	Serious	Slight	Total
Ardley .....	5,938	13	.....	.....	.....	.....
Big Valley .....	4,708	12	.....	.....	.....	.....
Brooks .....	14,097	15	.....	14,097	.....	14,097
Camrose .....	47,627	71	.....	.....	.....	.....
Carbon .....	63,750	87	.....	.....	.....	.....
Castor .....	42,482	71	.....	.....	42,482	42,482
Champion .....	12,369	24	.....	.....	.....	.....
Drumheller .....	1,785,021	1,839	892,510	105,001	63,750	37,979
Edmonton .....	514,479	598	.....	34,298	30,263	16,077
Gleichen .....	21,979	57	.....	.....	.....	.....
Halcourt .....	2,403	13	.....	.....	.....	.....
Lethbridge .....	470,065	536	.....	36,158	14,689	10,445
Milk River .....	1,368	6	.....	.....	.....	.....
Pakowki .....	469	2	.....	.....	.....	.....
Pembina .....	58,980	59	.....	.....	.....	.....
Rediclf .....	24,969	34	.....	.....	12,484	12,484
Rochester .....	3,289	6	.....	.....	.....	.....
Sheerness .....	50,490	26	.....	.....	.....	.....
Taber .....	13,191	28	.....	.....	.....	.....
Tofield .....	73,368	51	.....	.....	.....	.....
Wetaskiwin .....	1,783	3	.....	.....	.....	.....
Whitecourt .....	288	1	.....	.....	.....	.....
Total .....	3,213,113	3,552	1,606,556	69,850	40,163	25,102

## SUB-BITUMINOUS COAL FIELD

Coalspur .....	658,061	585	658,061	329,030	94,008	65,806
Pekisko .....	10,786	16	.....	10,786	.....	10,786
Pincher .....	606	3	.....	.....	.....	.....
Saunders .....	64,094	108	.....	32,047	32,047	16,023
Total .....	733,547	712	733,547	146,709	81,505	48,903

## BITUMINOUS COAL FIELD

Cascade .....	337,659	305	.....	67,531	56,276	30,696
Crowsnest .....	2,170,222	2,065	2,170,222	98,646	77,507	42,553
Highwood .....	271	6	.....	.....	.....	.....
Mountain Park .....	932,403	947	84,764	103,600	51,800	24,536
Nordegg .....	367,064	453	183,532	73,412	52,437	26,218
Total .....	3,807,619	3,776	271,972	92,868	64,535	33,400

## SUMMARY

Domestic .....	3,213,113	3,552	1,606,556	69,850	40,163	25,102
Sub-Bituminous .....	733,547	712	733,547	146,709	81,505	48,903
Bituminous .....	3,807,619	3,776	271,972	92,868	64,535	33,400
Total .....	7,754,279	8,040	456,134	84,285	52,393	30,172

THE MINES BRANCH

Classification of Accidents according to output of mines which produced during the year 1942:

	Under 1,000 tons	From 1,000 to 5,000 tons	From 5,000 to 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 150,000 tons	From 150,000 to 200,000 tons	From 200,000 to 300,000 tons	Over 300,000 tons	Total
Fatal .....	1	4	.....	.....	1	1	.....	9	5	17
Serious .....	2	1	1	6	11	10	.....	16	33	92
Slight .....	.....	1	1	18	18	7	26	33	44	148
Total .....	3	5	2	24	30	18	35	58	82	257

Tons of coal produced per accident:

Fatal .....	32,631	29,848	109,915	100,819	766,473	787,191	72,695	200,617	574,790	456,134
Serious .....	16,315	119,394	109,915	33,606	69,679	78,719	25,164	112,847	87,089	84,286
Slight .....	.....	.....	.....	.....	42,582	112,456	.....	54,714	65,317	52,394
Total .....	10,877	23,879	54,958	25,205	25,549	43,733	18,693	31,130	35,048	30,172

## FATAL ACCIDENTS

August Schroeder, pusher, age 49, on January 12th, in the mine operated by E. B. Foye. While waiting on car being loaded at the working face, he was struck by rock falling from the roof, causing instant death.

Peter Barhen, driver, age 41, on February 14th, in the mine operated by Luscar Coals, Ltd. Was trying to unhook tail chain from trip in snowshed at east entry when he was caught against a standing car on parting near the dump, causing fatal injuries to his head.

Laddie Koran, miner, age 29, on March 29th, in the mine operated by Hillcrest-Mohawk Collieries, Ltd. While preparing to set a prop at the face of No. 7 cross pitch, some rock fell from the roof and buried him, causing immediate death.

Thomas Davies, buckler, age 17, on June 29th, in the mine operated by the Luscar Coals, Ltd. Was caught between moving trip and chute at No. 15 raise 4 W, causing internal injuries, from which he died the following morning.

Robert Dimich, miner, age 41, on July 1st, in the mine operated by Mountain Park Coals, Ltd. While at work in No. 10 pillar No. 1 slope, he was buried by a fall of coal, and was dead when the rescue party found him 12 hours later.

Joseph Kish, miner, age 39, on July 27th, in the mine operated by Brazeau Collieries, Ltd. He was mining coal at the face of No. 14 room 1 level No. 2 seam when the timber broke, allowing the roof to cave, causing his death.

J. Dombrowski, miner, age 53, Carl C. Stock, miner, age 53, John Vallance, miner, age 52, V. Allegretto, chute loader, age 40, and John T. Logan, fireboss, age 60, on August 5th, in the mine operated by the Cadomin Coal Co., Ltd. While pursuing their several duties, some water and coal that had become like sludge, at No. 4 footwall split battery, No. 9 panel, came running out causing their deaths.

Alex. Marconi, miner, aged 41, on September 14th, in the mine operated by The Foothills Collieries, Ltd. He was undermining at face of 16 room 5th level south, when the top coal pushed the sprag out and fell on him, causing fatal injury to spine.

Robert Pearson, trapper, age 60, on September 16th, in the mine operated by Brazeau Collieries, Ltd. He was attending door No. 2 slope when he was struck by a runaway trip of cars, causing fatal injuries.

John Strachan, duckbill operator, age 42, on September 18th, in the mine operated by Rosedale Collieries, Ltd., Rosedale. Was removing loose rock preparatory to setting timber in No. 2 south entry, when he was struck by rock from the roof, causing fracture of both femurs and other internal injuries, from which he died in hospital on November 28th.

Charlie Swanson, timberman, age 64, on November 10th, in the mine operated by Cadomin Coal Co., Ltd. While at work in 3rd cross-cut on 1 main angle, 9 panel, he was asphyxiated by a sudden inflow of gas caused by cave in pillar at five footwall split.

Robert Muir, fireboss, age 57, on November 10th, in the mine operated by Cadomin Coal Co., Ltd., in No. 1 main angle, 9 panel. Muir went up the angle to withdraw the men owing to a sudden inflow of gas and was evidently trying to get Charlie Swanson, timberman, when he was asphyxiated.

Mike Zelenik, miner, age 48, on November 20th, in the mine operated by Luscar Coals, Ltd., caused by his being buried by falling coal, which suffocated him.

In addition to the above, Alonzo McPhee, motorman's helper, age 25, died on March 6th from hypostatic pneumonia caused from the effects of injuries sustained in the mine operated by the Murray Collieries, Ltd., on December 12th, 1941.

## THE MINES BRANCH

## ACCIDENTS AS THEY OCCURRED BY MONTHS DURING THE YEAR 1942:

Months	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
January .....		3		3	1	7	15	23	26
February .....	1	1	1	3		8	20	28	31
March .....		2	3	5	1	6	8	15	20
April .....		2	2	4		7	5	12	16
May .....		1	5	6		4	5	9	15
June .....		3	1	4	1	8	7	16	20
July .....			2	2		6	12	20	22
August .....			1	1	5	6	11	22	23
September .....			3	3	3	1	8	12	15
October .....		2		2		6	12	18	20
November .....		2	1	3	3	9	13	25	29
December .....			3	3		7	10	17	20
Total .....	1	17	22	40	16	75	126	217	257

## ACCIDENTS OCCURRING IN THE PROVINCE ABOVE AND UNDER GROUND DURING THE YEAR 1942:

Cause of Accident	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Haulage .....	1	4	6	11	2	21	14	37	48
Fall of rock .....					4	25	24	53	53
Fall of coal .....					3	8	20	31	31
Loading coal .....	1	1	2			4	15	19	21
Loading coal in box cars .....		1	1	1					1
Unloading coal .....		1	1	1					1
Loading rock .....			1	1			1	1	2
Chute loading .....						1		1	1
Timbering .....						1	4	5	5
Coal-cutting machinery .....						4	4	8	8
Tippie machinery .....		4	1	5					5
Loading machinery .....							1	1	1
Coupling cars .....						2	3	5	5
Uncoupling cars .....						1		1	1
Spragging cars .....							2	2	2
Inundation of water and mushy coal .....					5			5	5
Asphyxiation by methane gas .....					2			2	2
Outburst of gas .....							1	1	1
Premature exploding of detonator .....						1		1	1
Miscellaneous .....		7	12	19		7	37	44	63
Total .....	1	17	22	40	16	75	126	217	257



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Accidents occurring in the Province above and under ground for the year 1942,  
classified according to the areas in which they occurred:

## DOMESTIC

Area	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Brooks .....	.....	.....	.....	.....	.....	1	.....	1	1
Castor .....	.....	.....	.....	.....	.....	1	.....	1	1
Drumheller .....	.....	.....	.....	.....	2	17	28	47	47
Edmonton .....	.....	2	3	5	.....	13	14	27	32
Lethbridge .....	.....	4	2	6	.....	9	30	39	45
Redcliff .....	.....	.....	.....	.....	.....	.....	2	2	2
Total .....	.....	6	5	11	2	40	75	117	128

## SUB-BITUMINOUS

Coalspur .....	.....	1	1	2	1	1	6	8	10
Pekisko .....	.....	.....	.....	.....	.....	1	.....	1	1
Saunders .....	.....	1	.....	1	.....	1	2	3	4
Total .....	.....	2	1	3	1	3	8	12	15

## BITUMINOUS

Cascade .....	.....	1	4	5	.....	4	2	6	11
Crownsnest .....	.....	4	6	10	.....	1	18	22	51
Mountain Park .....	1	3	5	9	10	6	13	29	38
Nordegg .....	.....	1	1	2	2	4	6	12	14
Total .....	1	9	16	26	13	32	43	88	114







[illegible]

## BITUMINOUS—Continued

Cause	Above Ground			Under Ground			Total Above and Under Ground
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Miscellaneous, caught under compressor engine when it tipped over in wagon.....	.....	.....	1	.....	.....	.....	1
Miscellaneous, struck by a piece of coal falling from tippie chute.....	.....	1	1	.....	.....	.....	2
Miscellaneous, caught against tippie chute while moving box car.....	.....	1	.....	.....	.....	.....	1
Total .....	1	9	16	.....	32	43	114

## SUMMARY

Domestic .....	.....	6	5	11	2	40	75	117	128
Sub-Bituminous .....	.....	2	1	3	1	3	8	12	15
Bituminous .....	1	9	16	26	13	32	43	88	114
Total .....	1	17	22	40	16	75	126	217	257

Accidents during 1942, classified according to the Mine in which they occurred.

## DOMESTIC COAL FIELD

Name of Operator	Area	Above Ground			Under Ground			Total Above and Under Ground
		Fatal	Serious	Slight	Fatal	Serious	Slight	
Kleenbhm Collieries, Ltd.	Brooks					1		1
E. Lien	Castor						1	1
Rosedale Collieries, Ltd. (Rosedale Mine)	Drumheller							1
Red Deer Valley Coal Co., Ltd.	Drumheller				1			1
Newcastle Collieries, Ltd.	Drumheller					3		3
Maple Leaf Minerals, Ltd.	Drumheller					4		4
Brilliant Coal Co.	Drumheller						3	3
Empire Collieries, Ltd. (Arcadia Mine)	Drumheller						6	6
Empire Collieries, Ltd. (East Coulee)	Drumheller						1	1
Hy-Grade Coal Mining Co., Ltd.	Drumheller					3		3
Monarch Coal Mining Co., Ltd.	Drumheller					2		2
Regal Coal Co., Ltd.	Drumheller					2		2
Murray Collieries, Ltd.	Drumheller				1			1
E. B. Foye	Drumheller						2	2
Monarch Coal Mining Co., Ltd. (East Coulee)	Edmonton			1				1
Great West Coal Co., Ltd.	Edmonton					2		2
Dawson Coals, Ltd.	Edmonton		1			1		2
Banner Coals, Ltd.	Edmonton			1				1
Bush Mines, Ltd.	Edmonton						4	4
Dickinson & Knight	Edmonton						1	1
Twin City Coal Co., Ltd.	Edmonton							1
Red Hot Coal Co., Ltd.	Edmonton		1					1
Kent Coal Co., Ltd.	Edmonton						1	1
John May	Edmonton					3		3
H. A. Dupen	Edmonton					1		1
Loxton, Vargo — Chemottl	Edmonton						2	2
J. C. Chester	Lethbridge		1			1		2
Lethbridge Collieries, Ltd. (Lethbridge)	Lethbridge		1					1
Lethbridge Collieries, Ltd. (Shaughnessy)	Lethbridge		2			1		3
J. J. Hamilton Coal Co.	Lethbridge			2		4		6
Gunderson Brick & Coal Co., Ltd.	Lethbridge					3		3
	Redcliff					1		1
						2		2
Total		6	5	11	2	40	75	128

## SUB-BITUMINOUS COAL FIELD

Name of Operator	Area	Above Ground			Under Ground			Total Above and Under Ground
		Fatal	Serious	Slight	Fatal	Serious	Slight	
Sterling Collieries, Ltd.	Coalspur	.....	1	.....	.....	.....	.....	1
Footthills Collieries, Ltd.	Coalspur	.....	.....	.....	1	.....	.....	3
McLeod River Hard Coal Co. (1941), Ltd.	Coalspur	.....	.....	1	.....	1	4	6
George C. Davis	Pekisko	.....	.....	.....	.....	1	.....	1
Bighorn & Saunders Creek Collieries	Saunders	.....	1	.....	.....	1	2	4
Total	.....	.....	2	1	3	1	8	15

## BITUMINOUS COAL FIELD

Cannore Mines, Ltd.	Cascade	.....	1	4	5	.....	4	2	6	11
Mountain Park Coals, Ltd.	Mountain Park	.....	.....	2	2	1	4	5	10	12
Cadomin Coal Co., Ltd.	Mountain Park	.....	.....	1	1	7	2	7	16	17
Luscar Coals, Ltd.	Mountain Park	1	3	2	6	2	.....	1	3	9
West Canadian Collieries, Ltd. (Bellevue)	Crowsnest	.....	.....	2	2	.....	3	1	4	6
International Coal & Coke Co., Ltd.	Crowsnest	.....	.....	2	2	.....	6	16	22	24
Hillcrest Mohawk Collieries, Ltd.	Crowsnest	2	2	.....	2	1	.....	3	9	3
McGillivray Creek Coal & Coke Co., Ltd.	Crowsnest	1	1	1	2	.....	6	3	5	11
West Canadian Collieries, Ltd. (Blairmore)	Crowsnest	.....	1	1	2	.....	2	2	5	7
Brazeau Collieries, Ltd.	Nordegg	.....	1	1	2	2	4	6	12	14
Total	.....	1	9	16	26	13	32	43	88	114

## SUMMARY

Domestic	.....	6	5	11	.....	2	40	75	117	128
Sub-Bituminous	.....	2	1	3	.....	1	3	8	12	15
Bituminous	.....	1	9	16	1	13	32	43	88	114
Total	.....	1	17	22	40	16	75	126	217	257



## LIST OF PROSECUTIONS INSTITUTED UNDER THE MINES ACT, FOR THE YEAR ENDING DECEMBER 31, 1942

Mine in which Contravention was Committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Illegal Mining	Miner	Carrying on mining operations underground without first receiving permission from the Chief Inspector	Convicted	Fined \$5.00 or 14 days imprisonment	\$ 4.50
K-D Collieries, Ltd.	Miner	Did unlawfully have in his possession one detonator made up into primer cartridge, the fireboss not being present	Convicted	Fined \$2.00	3.15
K-D Collieries, Ltd.	Miner	Did unlawfully take a quantity of explosives into the said mine, same being in excess of 5 lbs.	Convicted	Fined \$5.00	3.15
K-D Collieries, Ltd.	Mine Manager	Did fail to provide locked cases or boxes for the carrying of detonators	Convicted	Fined \$2.00	3.65
Hillcrest-Mohawk Collieries, Ltd.	Mine Manager	Running a man trip without the written authority of the Chief Inspector	Convicted	Fined \$1.00	.....
K-D Collieries, Ltd.	Overman & Fireboss	That he did knowingly permit miner to be in possession of a quantity of explosives in excess of 5 lbs.	Convicted	Fined \$5.00	2.50
Royal View Mine	Overman	That he did fire a shot without examining for gas with a flame type safety lamp	Convicted	Fined \$5.00 or 7 days in jail	4.00
Black Point Mine	Operator	Failed to appoint an examiner and have mine examined within four hours of the shift commencing work	Convicted	Fined \$25.00 and costs or 30 days with hard labour	4.00
Black Point Mine	Hoisting Engineer	Entering mine before same was inspected by examiner and reported safe	Convicted	Fined \$10.00 and costs or 30 days with hard labour	4.00
J. J. Williams	Miner	Entering mine before same inspected by examiner and reported by him	Convicted	Fined \$10.00 and costs or 30 days hard labour	4.00
Hillcrest-Mohawk Collieries, Ltd.	Roller Repairer	Did commit an act likely to cause danger to himself by jumping on a man trip whilst it was in motion	Convicted	Fined \$5.00 and costs or 10 days in jail	4.00
West Canadian Collieries, Ltd. (Greenhill Mine)	Haulage Hand	Riding on mine car without permission of manager or overman	Convicted	Fined \$5.00 or 10 days in jail	4.50
Murray Collieries, Ltd.	Miner	Failed to do work in a working place as directed by overman in charge of the mine	Convicted	Fined \$1.00	4.00
Murray Collieries, Ltd.	Miner	Failed to do work in a working place as directed by overman in charge of the mine	Convicted	Fined \$1.00	4.00

## LIST OF PROSECUTIONS INSTITUTED UNDER THE MINES ACT, FOR THE YEAR ENDING DECEMBER 31, 1942—Continued

Mine in which Contravention was Committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Brazeau Collieries, Ltd.	Manager	Seven charges under Sections 13, 113, 114, 121, 122, 139 and 172	Convicted	Fined \$250.00 or 30 days imprisonment on each of 6 charges	113.35
Brazeau Collieries, Ltd.	Fireboss	Two charges under Section 139	Convicted	Fined \$50.00 or 30 days on each charge	16.50
Brazeau Collieries, Ltd.	Fireboss	Two charges under Section 139	Convicted	Fined \$50.00 or 30 days on each charge	4.50
Brazeau Collieries, Ltd.	Fireboss	Two charges under Section 139	Convicted	Fined \$50.00 or 30 days on each charge	16.50
Brazeau Collieries, Ltd.	Fireboss	Two charges under Section 139	Convicted	Fined \$50.00 or 30 days on each charge	5.25

The following table gives particulars of mines which were in operation during the year 1942 in the Province:  
LIST OF MINES

Mine No.	Operator	Address	Location L.S.S.T.R.M.	Character of Coal	Date of	
					Opening	Aban- donment Closing
Ardley Area						
809	J. W. Sissons (Box 352)	Alix	East of C.N.R.	Domestic	1919	.....
969	James Blades	Delburne	14-10-38-22-4	Domestic	1921	.....
1018	Alex. J. Johnson	Ardley	3-17-38-23-4	Domestic	1922	.....
1135	Carl Kupp	Delburne	4-7-38-23-4	Domestic	1924	.....
1322	John Lyness	Delburne	16-7-38-23-4	Domestic	1930	.....
1488	Chas. O. Russell (R.R. No. 1)	Alix	3-29-38-23-4	Domestic	1935	.....
1574	D. L. Gordon	Nevis	2-2-39-22-4	Domestic	1940	.....
1586	Kehl & McGladrie	Nevis	4-5-35-37-22-4	Domestic	1942	.....
Big Valley Area						
864	Big Valley Coal Company	Big Valley	16-26-35-20-4	Domestic	1920	.....
1189	James McKinlay	Huxley	13	Domestic	1924	.....
1254	Robt. Campkin (R.R. No. 1)	Lousana	14- 3-34-22-4	Domestic	1927	.....
1376	Robert Halbert	Perbeck	16-12-36-22-4 7-30-34-21-4	Domestic	1931	.....
Brooks Area						
1329	Kleenbirm Collieries, Ltd.	Eyremore	3-16-17-17-4	Domestic	1930	.....
1404	Kleenbirm Collieries, Ltd.	Eyremore	7-15-17-17-4	Domestic	1932	.....
Camrose Area						
241	Joe Proskow	Dinant	4-18-48-19-4	Domestic	1910	.....
244	Stoney Creek Collieries, Ltd.	Camrose	1-33-46-20-4	Domestic	1910	.....
374	Canadian Dinant Coal Co., Ltd.	Dinant	9-12-48-20-4	Domestic	1912	.....
610	L. Strliczyk	Ohaton	8-10-48-18-4	Domestic	1915	.....
760	Red Flame Coal Co., Ltd.	Round Hill	7-30-48-18-4	Domestic	1918	.....
1420	Red Flame Coal Co., Ltd.	Round Hill	14-19-48-18-4	Domestic	1933	.....
1524	Geo. Shute & Partners	Dinant	7-48-19-4	Domestic	1937	.....
Carbon Area						
53	Spencer & Dolphin	Carbon	3-14-29-23-4	Domestic	1898	.....
113	Albert Trentham	Three Hills	16-26-31-24-4	Domestic	1906	.....
384	Canadian Dinant Coal Co., Ltd.	Three Hills	3-36-31-24-4	Domestic	1913	.....
690	J. W. Ryning	Rowley	4-13-32-21-4	Domestic	1917	.....
1942						

## THE MINES BRANCH

LIST OF MINES—Continued

Mine No.	Operator	Address	Location	LS-S-T-R-M.	Character of Coal	Date of	
						Opening	Abandonment Closing
694	J. R. Hodgson	Rowley	N. 1/2	13-12-32-21-4	Domestic	1917	1941
710	Geo. C. Yard & Son	Trochu	E. 1/4	9-14-33-23-4	Domestic	1917	
904	Peerless Coal Co.	Carbon		7-16-29-23-4	Domestic	1921	
921	Otto Schlender	Trochu		15-14-33-23-4	Domestic	1921	
1060	East Carbon Coal Co. (A. Fox)	Carbon		12-13-7-29-22-4	Domestic	1922	
1286	C. C. Campbell	Trochu	W. 1/2	9-29-33-22-4	Domestic	1926	
1283	Halbert Brothers	Trochu		8-14-33-23-4	Domestic	1928	
1359	Balogh Brothers	Carbon		8-13-29-23-4	Domestic	1931	
1499	Nuttall & Davidson	Three Hills		1-9-31-22-4	Domestic	1936	
1538	W. Pastorchik & Partners	Three Hills	S.E. 1/4	10-9-31-22-4	Domestic	1938	
Cascade Area							
2	The Cannore Mines, Ltd.	Cannore	N.E. 1/4	1-29-24-10-5	Bituminous	1891	
1244	Frank Wheatley & Sons	Banff		12-4-26-11-5	Bituminous	1926	
Castor Area							
251	John Tyrlik	Heisler	S.W. 1/4	16-28-42-17-4	Domestic	1910	
239	E. L. Bignell	Gadsby	N.W. 1/4	11-28-39-16-4	Domestic	1911	
291	James Chiswick	Gadsby	S. 1/2	11-28-39-16-4	Domestic	1911	
447	Max LeGear	Forestburg		13-28-40-15-4	Domestic	1914	
622	Ewing Bros.	Rosalind		8-7-43-17-4	Domestic	1915	
666	E. W. Simmons	Forestburg		16-2-41-16-4	Domestic	1916	
902	O. V. Remillard	Castor		16-33-37-14-4	Domestic	1921	
911	F. G. Meek	Heisler		1-33-42-17-4	Domestic	1921	
913	Ben Hronek	Halkirk		1-7-39-15-4	Domestic	1921	
948	C. H. Hanson	Rosalind		6-8-43-17-4	Domestic	1921	
953	O'Brien & Davis	Forestburg		8-32-40-15-4	Domestic	1921	
1042	J. J. Mills	Heisler		8-21-42-17-4	Domestic	1922	
1046	J. F. Cordel	Halkirk		6-20-40-15-4	Domestic	1922	
1062	Chas. Strader	Halkirk		4-17-39-15-4	Domestic	1922	
1232	Albert Young	Halkirk		25-40-16-4	Domestic	1926	
1240	W. T. Phillips	Castor	N.W. 1/4	1-2-4-4-38-14-4	Domestic	1926	
1248	Thomas Mitchinson	Donalda		2-3-29-41-17-4	Domestic	1926	
1343	Joseph Haden	Castor		3-3-38-14-4	Domestic	1930	
1349	R. Janke	Foreman		16-26-40-16-4	Domestic	1931	
1361	Mrs. Dan Shaw	Castor		9-33-37-14-4	Domestic	1931	
1417	J. F. Barnes	Castor		14-33-37-16-4	Domestic	1933	
1435	E. Lien	Edberg		6-11-2-44-19-4	Domestic	1933	
1441	Marshall & Heisz Coal Co.	Donalda		12-16-42-17-4	Domestic	1933	
1475	Daniel Colonel	Edberg		3-18-44-19-4	Domestic	1935	

1485	Floyd N. Witke	Halkirk	9-16-31-39-15-4	Domestic	1935
1501	H. C. Muncy	Foreman	15-26-40-16-4	Domestic	1938
1542	Williams & Vikse Bros.	Donalda	2-33-41-17-4	Domestic	1942
1564	J. J. Mills	Rosalind	15-6-43-7-4	Domestic	1939
1572	F. E. Wilkinson	Donalda	4-5-23-41-17-4	Domestic	1940
1578	Bush Bros	Forestburg	15-36-40-16-4	Domestic	1941
1587	J. J. Mills	Heisler	5-22-42-17-4	Domestic	1942
<b>Champion Area</b>					
136	Geo. Rhodes	Champion	7-8-15-22-4	Domestic	1907
758	Alec Fraser	Carmanagay	14-25-14-22-4	Domestic	1918
1273	Mrs. Aline Herbaut	Champion	14-33-15-23-4	Domestic	1927
1364	James Henderson	Lomond	3-36-14-22-4	Domestic	1931
1509	A. M. S. McGaw	Champion	16-33-15-23-4	Domestic	1937
1565	Mike Popovich	Champion	9-8-16-23-4	Domestic	1939
<b>Coalspur Area</b>					
769	Sterling Collieries Co., Ltd.	Sterco	12-35-47-20-5	Sub-Bituminous	1918
771	Foothills Collieries, Ltd., The	Foothills	10-24-47-20-5	Sub-Bituminous	1918
775	Lakeside Coals Ltd.	Robb	3-14-49-21-5	Sub-Bituminous	1918
846	McLeod River Hard Coal Co. (1941), Ltd.	Mercoal	5-25-48-22-5	Sub-Bituminous	1920
1002	Coal Valley Mining Co., Ltd.	Coal Valley	16-26-47-20-5	Sub-Bituminous	1922
1157	Thirty-Two Collieries, Ltd.	Robb	11-15-49-21-5	Sub-Bituminous	1924
<b>Crowsnest Area</b>					
87	West Canadian Collieries, Ltd.	Bellevue	10-20-7-3-5	Bituminous	1903
88	International Coal & Coke Co., Ltd.	Coleman	11-8-8-4-5	Bituminous	1903
133	Hillcrest-Mohawk Collieries, Ltd.	Bellevue	21-7-3-5	Bituminous	1907
153	McDougall Coal Co.	Burns	7-8-14-7-3-5	Bituminous	1907
204	McGillivray Creek Coal & Coke Co., Ltd.	Coleman	2-14-7-3-5	Bituminous	1909
295	B. A. Wilson	Pincher Creek	17-29-32-8-4-5	Bituminous	1909
396	West Canadian Collieries, Ltd.	Blairmore	11-10-5-1-5	Bituminous	1911
820	Sentinel Coal Company	Coleman	10-2-8-4-5	Bituminous	1913
1584	West Canadian Collieries, Ltd.	Bellevue	10-34-7-5-5	Bituminous	1919
			15-31-6-5-5	Bituminous	1942
<b>Drumheller Area</b>					
346	Rosedale Collieries, Ltd.	Rosedale	14-28-28-19-4	Domestic	1912
367	Midland Coal Mining Co., Ltd.	Drumheller	10-11-9-29-20-4	Domestic	1912
402	Red Deer Valley Coal Co., Ltd.	Drumheller	7-8-29-20-4	Domestic	1913
422	Commander Coal Company	Drumheller	5-9-29-20-4	Domestic	1914
436	Rosedale Collieries, Ltd.	Aerial	7-28-28-19-4	Domestic	1914
620	Newcastle Collieries, Ltd.	Drumheller	3-29-20-4	Domestic	1915
675	Comet Coal Co., Ltd.	East Coulee	12-28-27-18-4	Domestic	1916
728	Maple Leaf Minerals, Ltd.	Drumheller	13-32-27-18-4	Domestic	1942
		S. E. Corner	5-28-18-4	Domestic	1918

## LIST OF MINES—Continued

Mine No.	Operator	Address	Location	L.S.S.T.R.M.	Character of Coal	Date of	
						Opening	Abandonment Closing
764	Ben Pickering	Beynon		2-6-28-20-4	Domestic	1918	
815	Ernest Denio	Drumheller		13-33-27-21-4	Domestic	1919	
844	Ideal Coal Co., Ltd.	Wayne		16-1-28-20-4	Domestic	1920	
1117	Hi-Heat Coal Co.	Beynon		3-6-28-20-4	Domestic	1923	
1214	John Hamilton	Delia		15-23-28-18-4	Domestic	1925	1942
1258	Brilliant Coal Co.	Drumheller		11-14-10-29-20-4	Domestic	1927	
1279	Empire Collieries, Ltd.	East Coulee		6-7-28-18-4	Domestic	1928	
1299	Empire Collieries, Ltd.	East Coulee		2-32-27-18-4	Domestic	1929	
1421	Hy-Grade Coal Mining Co., Ltd.	Drumheller		13-11-29-20-4	Domestic	1933	
1473	Monarch Coal Mining Co., Ltd., The	Drumheller		7-8-29-20-4	Domestic	1935	
1484	Regal Coal Co., Ltd.	Drumheller		13-21-27-18-4	Domestic	1935	
1491	Murray Collieries, Ltd.	Drumheller		29-27-18-4	Domestic	1936	
1493	Western Gem & Jewel Collieries, Ltd.	Cambria P.O.	S.E. ¼	6-15-28-19-4	Domestic	1936	
1511	Aetna Coal Company	East Coulee		1-22-28-19-4	Domestic	1937	
1515	E. B. Foye	Willow Creek		10-22-28-18-4	Domestic	1937	
1520	The Minute Coal Company	Drumheller		7-14-29-20-4	Domestic	1937	
1570	W. C. Allen & Partners	Wayne	N.E. ¼	8-7-28-19-4	Domestic	1940	1942
1573	Western Crown Coals, Ltd.	Drumheller	N. ½	1-20-27-18-4	Domestic	1940	
1583	John Hamilton	Delia	S. ½	8	Domestic	1942	
				9-23-28-18-4	Domestic		
Edmonton Area							
29	Smith & Muraca	Edmonton		11-25-51-25-4	Domestic	1897	
91	Ottewell Coal Company	Clover Bar	S.W. ¼	17-53-23-4	Domestic	1904	
99	Great West Coal Co., Ltd.	Clover Bar		10-7-53-23-4	Domestic	1903	
129	Levi Parker	Cardiff		16-23-55-25-4	Domestic	1907	
155	Dawson Coal, Ltd.	Edmonton	R.L. 25 Edmonton Rifle Range	Sett.	Domestic	1907	
351	Frank Chiarello	Legal	S.W. ¼	25-57-25-4	Domestic	1912	
428	Banner Coals, Ltd.	Carbondale		10-8-55-24-4	Domestic	1914	
707	Bush Mines, Ltd.	Beverly	R.L. 40 Edmonton	Sett.	Domestic	1917	
753	Dickinson & Knight	Carbondale		14-8-55-24-4	Domestic	1918	
1034	H. Molzan	Edmonton South		6-25-51-25-4	Domestic	1922	
1098	Long Coal Company	Nanao		4-31-54-24-4	Domestic	1923	
1167	Booth Bros.	Beverly		1-18-53-23-4	Domestic	1924	
1233	Mike Sinoski	Edmonton South		5-25-51-25-4	Domestic	1926	1942
1266	Edmonton Collieries, Ltd.	Nanao		14-36-54-25-4	Domestic	1927	
1297	Ellerslie Collieries	Edmonton South		1-28-51-25-4	Domestic	1929	
1316	Samis Collieries	Nanao		8-26-51-25-4	Domestic	1929	
1352	Twin City Coal Company	Edmonton South			Domestic	1931	
1357	Red Hot Coal Co., Ltd.	Edmonton	R.L. 33 Edmonton	Sett.	Domestic	1931	

1366	Beverly Coal Co., Ltd.	Edmonton	Block X, N.E. ¼	6-13-53-24-4	Domestic	1931
1393	Ottewell Coal Company	Edmonton South		36-52-24-4	Domestic	1932
1419	Klanstein & Opalinski	Edmonton South		4-25-51-25-4	Domestic	1933
1427	Kent Coal Co., Ltd.	Edmonton South	S.W. ¼	30-52-23-4	Domestic	1933
1453	Riverdale Coal Co., Ltd.	Nanao	N.E. ¼	5-55-24-4	Domestic	1934
1476	Dickinson, Knight & Dickinson	Carbondale	N.W. ¼	9-55-24-4	Domestic	1935
1482	John May	Edmonton South		7-25-51-25-4	Domestic	1936
1496	D. J. Gwilliam	Nanao		3-6-55-24-4	Domestic	1936
1539	John G. Mucha	Edmonton South		12-25-51-25-4	Domestic	1939
1560	Nimko & Senecko	Edmonton South		11-25-51-25-4	Domestic	1939
1582	Egg Lake Coal Co.	Morinville	N.E. ¼	36-56-26-4	Domestic	1941
Gleichen Area						
72	Blackfoot Indians	Gleichen	Indian Reserve	4-29-26-21-4	Domestic	1902
299	K. J. Schnepf	Rosebud		5-11-25-22-4	Domestic	1911
1265	H. Castella & Son	Standard		3-29-26-21-4	Domestic	1927
1431	Consumers Coal Co. (John Guiney)	Rosebud		14-20-26-21-4	Domestic	1933
1521	Wm. McMillan	Rosebud			Domestic	1937
Halcourt Area						
651	Baldwin Collieries	Grande Prairie		15-35-70-7-6	Domestic	1916
1360	Loskill & Schneider	Dimsdale		7-21-70-7-6	Domestic	1930
1433	Mitchell Bros.	Dimsdale		3-21-70-7-6	Domestic	1933
1506	Campbell & O'Reilly	Dimsdale	N.W. ¼	2-21-70-7-6	Domestic	1937
1539	Dunbar & Partners	Hinton Trail		2-21-70-10-6	Domestic	1938
1588	Dahl & Cage	Halcourt		14-24-70-11-6	Domestic	1942
Highwood Area						
1566	Flat Creek Coals, Ltd.	Calgary	E. ½	34-17-5-5	Bituminous	1939
Lethbridge Area						
55	Steve Vargo	Lethbridge		1-18-7-21-4	Domestic	1902
56	Rozzolini & Bridaroli	Magrath	S.W. ¼	3-7-7-21-4	Domestic	1902
203	H. A. Dupen	Lethbridge		5-12-32-9-21-4	Domestic	1909
738	George Rolleston	Lethbridge		2-11-8-22-4	Domestic	1918
1045	Frank Bachelor & Partners	Lethbridge	S. ½	15-16-2-8-22-4	Domestic	1922
1086	Loxton, Varga & Chemotti	Magrath		5-8-7-21-4	Domestic	1923
1095	J. C. Chester	Lethbridge		9-30-9-21-4	Domestic	1923
1109	Lund, Nelson & Hagblad	Lethbridge		8-31-9-21-4	Domestic	1923
1219	Strickland & Tennant	Lethbridge		12-29-9-21-4	Domestic	1925
1263	Lethbridge Collieries, Ltd.	Shaughnessy		11-30-10-21-4	Domestic	1927
1464	Lethbridge Collieries, Ltd.	Lethbridge		3-2-9-22-4	Domestic	1934
1576	Kerralta Coal Co.	Lethbridge		13-12-9-22-4	Domestic	1934
				4-13-9-22-4	Domestic	1941
1581	J. J. Hamilton Coal Co.	Lethbridge		11-24-9-22-4	Domestic	1941

## LIST OF MINES—Continued

Mine No.	Operator	Address	Location	L.S.T.R.M.	Character of Coal	Date of	
						Opening	Aban- donment Closing
Milk River Area							
1301	Thos. Taylor	Groton	W. ½	8-9-10-10- 3-11-4	Domestic	1929	.....
1380	J. J. Mueller	Masinasin		9	Domestic	1931	.....
1540	E. L. Bye	Lucky Strike	N.W. ¼	10-27- 2-12-4 5-35- 2-12-4	Domestic	1938	.....
Mountain Park Area							
282	Mountain Park Coals, Ltd.	Mountain Park	S.E. ¼	33-45-23-5	Bituminous	1911	.....
693	Cadomin Coal Co., Ltd.	Cadomin		14-31-46-23-5	Bituminous	1917	.....
905	Luscar Coals, Ltd.	Luscar		7-23-47-24-5	Bituminous	1921	.....
1392	K-D Collieries, Ltd.	Kaydee		8-28-47-24-5	Bituminous	1932	.....
Nordegg Area							
256	Brazeau Collieries, Ltd.	Nordegg		13-22-40-15-5	Bituminous	1910	.....
Pakowki Area							
718	Reville, Walter	Tothill		15-28- 8- 4-4	Domestic	1917	.....
1138	Wm. Geddes	Little Plume		15- 2- 9- 5-4	Domestic	1924	.....
1318	W. Raeder	Elkwater		10-23- 8- 3-4	Domestic	1929	.....
Pekisko Area							
361	Harry Swan	Priddis	N.W. ¼	11-22- 3-5	Sub-Bituminous	1912	.....
1142	Campbell Bros.	Priddis		11-27-22- 4-5	Sub-Bituminous	1924	.....
1510	Sunglow Coal Mine	Priddis		6- 5-22- 3-5	Sub-Bituminous	1937	.....
1516	G. C. Davies	Priddis		10- 4-22- 3-5	Sub-Bituminous	1937	.....
Pembina Area							
419	Lakeside Coals, Ltd.	Wabamun		15- 9-53- 4-5	Domestic	1913	.....
1409	Geo. Sturrit	Gainford	S.E. ¼	36-53- 6-5	Domestic	1932	.....
1495	Entwistle Coals, Ltd.	Entwistle	N.W. ¼	34-53- 7-5	Domestic	1936	.....
1575	H. H. Wright	Genesee		16-12-51- 3-5	Domestic	.....	.....
Pincher Area							
59	S. J. Purdy	Lundbreck		15-28- 7- 2-5	Sub-Bituminous	1902	.....
1579	W. B. Rhodes	Lundbreck		15-23- 7- 2-5	Sub-Bituminous	1941	.....
Redcliff Area							
165	Gunderson Brick & Coal Co., Ltd.	Redcliff		14- 5-13- 6-4	Domestic	1908	.....
772	Ajax Coal Co. (J. T. Oliphant)	Medicine Hat		2- 5-13- 6-4	Domestic	1918	.....



1517 1562	Rochester Area Thorhild Coal Co. Tomlinson & Kazuba	Thorhild Thorhild	12-13-12-60-21-4 1-11-60-21-4	Domestic Domestic	1937 1939	.....	.....	.....
388 852	Saunders Area Bighorn & Saunders Creek Coll., Ltd. Alexo Coal Co., Ltd.	Saunders Alexo	S. E. $\frac{1}{4}$ N. W. $\frac{1}{4}$ 9-24-40-13-5 9-27-40-13-5	Sub-Bituminous Sub-Bituminous	1913 1920	.....	.....	.....
443 486 1314 1398 1401 1416 1432 1553	Sheerness Area Chinook Coal Co., Ltd. J. R. Hemstock T. E. Stubbs T. G. Ironside F. H. Pahl A. J. Bordula Sheerness Coal Co., Ltd. John Masciangelo	Sheerness Hanna Hanna Scapa Hanna Hanna Sheerness Della	1-12-29-13-4 6-29-32-13-4 1- 6-29-14-4 12- 5-34-13-4 7-30-32-13-4 9-19-29-14-4 5-19-29-12-4 10-21-30-17-4	Domestic Domestic Domestic Domestic Domestic Domestic Domestic Domestic	1914 1915 1929 1932 1932 1933 1933 1939	.....	.....	1942
132 201 672 712 1145 1334 1536 1545 1580	Taber Area Wallwork & Heskejh Williams Coal Co. C. J. Lavenne Powell & Co. Dunn Bros. V. W. Campbell Oliver Coal Mine Mullen & Collett A.A.A. Coals, Ltd.	Taber* Taber Bow Island Barnwell Taber Grassy Lake Grassy Lake Taber Grassy Lake	14- 7-10-16-4 1-13-10-16-4 3-27-12-10-4 8- 4-10-17-4 1- 13-10-17-4 4-26- 9-13-4 2-18-10-16-4 14- 1-10-17-4 7- 8-26- 9-13-4	Domestic Domestic Domestic Domestic Domestic Domestic Domestic Domestic Domestic	1907 1909 1916 1917 1924 1930 1938 1938 1941	.....	.....	1942
215 252 1107 1206	Tofield Area Dodds Coal Co., Ltd. Tofield Coal Co., Ltd. D. Falvo Kyley Coal Company	Dodds Dodds Dodds Ryley	N. $\frac{1}{2}$ 7-14-49-18-4 26-50-19-4 15-11-49-18-4 8- 8-49-17-4	Domestic Domestic Domestic Domestic	1909 1910 1923 1925	.....	.....	.....
1482 1534	Wetaskiwin Area Komperdo Mine Peter Gill	Millet Thorsby	6- 4-48-27-4 2- 7- 3-48-27-4	Domestic Domestic	1935 1938	.....	.....	1941
1569	Whitcourt Area Alex Watson	Blue Ridge	12-13-19-59-10-5	Domestic	1940	.....	.....	.....

## THE MINES BRANCH

## BOARD OF EXAMINERS

The Provincial Board of Examiners during the year 1942 consisted of the following:

As representing:

- (a) The Mine Inspectorate:  
Andrew A. Millar, Chief Inspector of Mines.
- (b) Managers:  
A. C. Dunn, William Wilson.
- (c) Working Miners:  
William Lammie, Evan Morgan.  
Secretary, A. B. Hunter.

Examinations during the year were held as follows:

For third class at the following centres: Edmonton, Drumheller, Blairmore, Lethbridge and Cadomin on May 26th.  
Edmonton, Drumheller and Cadomin.

For first and second class on June 2, 3 and 4, at Canmore, Blairmore, Lethbridge.

For Mine Surveyor on June 4th at Blairmore and Cadomin.

The Board of Examiners for the examination of candidates for certificates of competency as mine electricians, comprised of Mr. A. B. Hunter as chairman, and Mr. Burton Tait, Electrical Inspector of Mines, as the other member, held examinations at the following centres during the year:

Edmonton September 28th, Blairmore October 1st, Drumheller October 5th, and Luscar October 10th.

Seventeen candidates presented themselves for examination for first class certificates, of whom four were successful.

Twenty-two candidates presented themselves for examination for second class certificates, of whom twelve were successful. This included one supplementary examination candidate, who was successful.

Twenty-one candidates presented themselves for examination for third class certificates, of whom sixteen were successful.

Two candidates presented themselves for examination for mine surveyors' certificates, both of whom were successful.

Five candidates presented themselves for examination for mine electricians' certificates, of whom four were successful.

The successful candidates for all certificates are in the list following herewith.

LIST OF NAMES OF HOLDERS OF FIRST, SECOND AND THIRD CLASS  
AND MINE ELECTRICIANS' CERTIFICATES

Issued by the Government of the Province of Alberta during the year 1942.

## FIRST CLASS

Name	Address	Cert. No.	Date of Issue
Brusset, J. A. ....	Blairmore .....	10	1- 8-42
Brown, J. D. B. ....	Saunders .....	12	1- 8-42
McAndrew, John M. ....	Calgary .....	11	1- 8-42
Thomson, John .....	Edmonton .....	9	17- 7-42

## SECOND CLASS

Aschacker, Martin .....	Blairmore .....	17	20- 1-42
Appleby, Wm. S. ....	Canmore .....	18	17- 7-42
Ainsworth, John H. ....	Halkirk .....	25	24- 7-42
Balkwill, F. W. ....	Hillcrest .....	20	17- 7-42
Blake, Raymond .....	Bellevue .....	28	12- 8-42
Crabb, Daniel J. ....	Lethbridge .....	21	17- 7-42
Dobson, Roy C. ....	Lethbridge .....	27	4- 8-42
Gladwin, Lewis C. ....	Saunders .....	22	18- 7-42
Grant, Alexander .....	Hillcrest .....	24	22- 7-42
Heidel, Herbert G. ....	Priddis .....	26	1- 8-42
Mather, Richard .....	Edmonton .....	29	10- 8-42
Riordan, Leo .....	Canmore .....	19	17- 7-42
Young, Charles .....	Bellevue .....	23	22- 7-42

## THIRD CLASS

Name	Address	Cert. No.	Date of Issue
Anderson, Robert	Drumheller	37	20- 4-42
Chesney, Samuel	Cadomin	43	17- 7-42
Celli, Jerry J.	Coleman	46	18- 7-42
Goods, Peter	Drumheller	39	17- 7-42
Harris, Edward V.	Rosedale	52	29- 7-42
Jackson, Harold W.	Forestburg	51	26- 7-42
Kubin, John J.	Coleman	42	17- 7-42
Martin, William H.	Rosevear	53	4-12-42
McNeill, Thomas	Mountain Park	36	4- 3-42
McDonald, Kenneth L.	Bellevue	40	17- 7-42
McIsaac, John D.	Burmis	45	17- 7-42
McLafferty, Daniel	Bellevue	50	26- 7-42
Niblett, Ronald J.	Rosedale	41	17- 7-42
Roome, Herbert	Mountain Park	44	17- 7-42
Rae, Alex	Blairmore	47	18- 7-42
Roome, John	Mountain Park	49	26- 7-42
Tiberg, Alrik N.	Blairmore	38	17- 7-42
Warauk (Walker), John J.	Newcastle	48	20- 7-42

## MINE ELECTRICIAN

Beaton, Geo. M.	Luscar	116	15-10-42
McQuillan, D. J.	Saunders	113	15-10-42
Worobec, Wm. N.	Bellevue	114	15-10-42
Weins, Wm. J.	Drumheller	115	15-10-42

## LIST OF HOLDERS OF FIRST, SECOND AND THIRD CLASS CERTIFICATES, MINE SURVEYORS AND MINE ELECTRICIANS' CERTIFICATES

Issued by the Government of the Province of Alberta to December 31st, 1942

## List of Names of Holders of First Class Certificates

*Addie, W.	Lundbreck	19	25- 8-03
Aspinall, Francis	Vancouver, B.C.	22	1- 3-09
Ashburner, Edward	Lethbridge	40	9-12-10
*Alderson, Fred D.	Hosmer, B.C.	52	27- 9-11
Allen, Peter	Wayne	72	5-11-12
*Brown, J.	Calgary	18	24- 8-03
*Bastian, J.	Taber	43	19- 7-04
Broome, G. H.	New Zealand	46	28-11-04
Bradshaw, G. B.	Nanaimo, B.C.	61	16- 5-05
Baxter, Andrew W.	Calgary	47	22-12-10
Barnes, Arthur W.	Montana	74	7-11-12
*Black, Ernest D.	Nova Scotia	84	29- 7-13
Brydon, Andrew D.	England	4	17- 9-14
*Brownrigg, John H.	Bankhead	21	17- 7-17
Blake, Henry	Bellevue	25	27- 7-17
Brown, Hugh R.	Carbon	26	28- 6-18
Bilson, George H.	Rhodesia	27	28- 6-18
Brown, R. J.	Montana	30	3- 7-18
Brown, Thomas	Edmonton	42	5- 9-19
Blair, John	Picture Butte	55	24- 7-24
Barclay, William	Drumheller	11	31- 7-36
Burton, John T.	Drumheller	13	8- 8-36
Brusset, J. A.	Blairmore	10	1- 8-42
Brown, J. D. B.	Saunders	12	1- 8-42
Collins, W. F.	Blairmore	24	31-10-03
*Colville, A.	Edmonton	52	19- 1-05
Coulthard, R. W.	Blairmore	8	19- 3-06
*Cunningham, G. F.	Edmonton	7	10- 1-08
Church, J. A. H.	Nova Scotia	11	23- 1-08
Coulthard, R. W.	Blairmore (duplicate)	24	11-10-09
*Crowder, James	Drumheller	38	24-12-09
*Christianson, Peter	Edmonton	48	21-12-09
Clyne, James	Edmonton	69	18- 3-12
Crowder, Harry	Drumheller	5	18- 9-14
*Callander, Ira C.	Pocahontas	13	12- 8-16
Cranston, Michael	Drumheller	35	2- 7-19
Coupland, Edward	Cadomin	56	24- 7-24
Crawford, Alexander	Edmonton	61	24- 7-25
Crawford, John	Edmonton	65	26- 7-26
Chavignaud, Louis G.	Edmonton	71	6- 8-27
Clark, Wilton H. W.	Coleman	66	26- 7-27

## List of Names of Holders of First Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Congdon, Milton H.	Blairmore	1	17- 7-40
Crawford, Hugh	Lethbridge	5	11- 7-41
*Drinnan, R. G.	Edmonton	29	30- 1-04
*Dickson, G. H.	Coleman	3	31- 5-06
Dunn, A. C.	Edmonton	18	13- 1-09
*Darbyshire, J.	Bellevue	35	3-12-09
*Davidson, W. A.	Coleman	25	27-11-09
*Davis, David	Edmonton	62	28-11-11
Duggan, William H.	Victoria, B.C.	85	29- 7-13
deHart, Joseph B.	Calgary	86	29- 7-13
Dennis, Fred W.	Brooks	12	28-10-15
*Davidson, David	Bellevue	15	12- 8-16
Donaldson, Chris S.	Lethbridge	20	17- 7-17
Davies, Thomas O.	Calgary	22	17- 7-17
D'Altroy, A. C.	British Columbia	53	17- 8-23
Davidson, J. M.	Coalhurst	75	23- 7-29
Dutton, J. A.	Mountain Park	4	25- 7-32
Dalziel, Robert	Edmonton	8	29- 7-33
Donaldson, Adam G.	Shaughnessy	14	23- 8-37
*Evans, D.	Michel, B.C.	1	15-10-98
*Evans, D.	Michel, B.C. (duplicate)	14	11-12-02
Elliott, D.	Blairmore	20	13-10-03
Emmerson, C.	Bellevue	49	9- 1-05
Emmerson, J.	Frank	50	13- 4-05
*Ellis, W.	Champion	15	8- 1-09
Emerson, J.	Canmore	41	25- 8-19
*Finlayson, J.	Bassano	30	10- 2-04
Flint, W. G.	Robb	56	13- 4-05
*Fraser, Norman	Edmonton	1	21-12-05
*Fraser, G. L.	Coleman	1	31- 5-06
*Ferguson, C. J.	Edmonton	23	17- 7-17
Foster, William	Robb	40	12- 8-19
France, Thomas	Priddis	44	8-10-19
Green, R.	Calgary	58	26- 4-05
Graham, C.	Prince Rupert, B.C.	7	27- 2-06
Givin, Homer H.	Virginia, U.S.A.	57	23-11-11
Gray, David Jr.	Washington, U.S.A.	65	4-12-11
Guernsey, F. W.	Vancouver, B.C.	80	18-12-12
Gotheridge, William T.	Round Hill	54	16- 7-24
Goodwin, William	Bellevue	12	4- 8-36
*Hardie, W. D. L.	Lethbridge	2	15-10-98
*Hamilton, W. L.	Lethbridge	4	2-12-98
*Hargreaves, James	East Coulee	9	25- 6-01
*Heathcote, Elijah	Coal Creek, B.C.	23	31-10-03
Henrietta, Chas. M.	Byseville, Ohio	26	24-11-03
Hargreaves, James	East Coulee (duplicate)	48	9- 1-05
*Huntrods, E. S. F.	Taber	3	29-12-05
Hamilton, Robert	Priddis	4	3- 1-07
Horne, Robert	Coleman	12	7- 1-09
*Holden, James	Bankhead	14	7- 1-09
Horne, Thomas	Edson	6	26-12-07
*Harrison, Stephen	Lethbridge	16	11- 1-09
Hart, John	Edmonton	23	23- 3-09
Howells, Nathaniel	Edmonton	64	4-12-11
Hunter, A. B.	Edmonton	14	12- 8-16
Higgins, Alexander	Calgary	19	7- 7-17
Heeley, William G.	Calgary	36	3- 7-19
Hetherington, W. B.	British Columbia	38	9- 7-19
Howden, A. B.	Scotland	50	1- 8-21
Hamilton, Allan	Drumheller	52	17- 8-23
Hall, William E. G.	Lethbridge	58	20- 7-25
Hibbert, W. J.	Edmonton	79	10- 9-30
Hnatyshyn, A. C.	Luscar	6	22- 3-33
Hibbert, W. J.	Edmonton (duplicate)	7	29- 7-33
Horne, James	Cadomin	21	21- 7-39
Hamilton, Duncan C.	Luscar	7	15- 7-41
*John, John	Fernie, B.C.	44	29- 4-04
*Jones, Samuel A.	Nanaimo, B.C.	57	26- 4-05
Jones, David	Edmonton	67	27-11-11
*Johnson, Moses	Blairmore	79	14-11-12
*Jordan, William	Drumheller	11	9- 9-15
Jones, J. R. B.	Hinton	18	21- 7-38
Kerr, Alex.	Tonkin, B.C.	27	18-12-03
*Keith, Thos.	Taber	20	29- 1-09
Knox, Thos. K.	Coal Creek, B.C.	28	30-11-09
*Kellock, George	Coleman	59	23-11-11
Kinsman, Alexander	Hosmer, B.C.	70	11- 5-12
Kellock, James	Coleman	76	8- 8-30
Little, John	Coalfields	5	2-12-98
Livingstone, Robert	Lethbridge	16	.....
Lewellyn, D. R.	Michel, B.C.	42	2- 7-04

## List of Names of Holders of First Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Little, Wm. F.	Canmore	4	29-12-05
*Lee Robert J.	Estevan, Sask.	56	23-11-11
*Leblanc, Emile	Wayne	6	18- 9-14
Lindoe, Luke	Coleman	77	8- 8-30
*Morris, Jas. J.	Canmore	3	3-11-98
*Morris Cyrus	Frank	12	13- 2-02
Mills, Thomas	Nanaimo, B.C.	35	2- 5-04
Manley, Henry Lewis	Fernie, B.C.	41	3- 6-04
*Morton, T. R.	Michel, B.C.	63	21- 7-05
*Marsh, John	Taber	6	1- 2-06
Moore, Samuel M.	Bankhead	26	27-11-09
Maxwell, Wm.	Pincher Creek	27	29-11-09
Millar, Andrew A.	Edmonton	54	23-11-11
Musgrove, William	Canmore	76	11-11-12
Marshall, John W.	Rosalind	78	13-11-12
Mather, Thomas	Edmonton	81	20- 7-13
Milne, Morgan C.	Pocahontas	83	14- 7-13
Morgan, Owen	Saunders	51	17- 8-23
Morris, William	Edmonton	1	26- 7-31
Millar, David	Mercoal	2	25- 8-31
Morgan, Evan H.	Blairmore	3	27- 9-31
Morgan, Thomas E.	Hillcrest	15	26- 8-37
Melnik, Nick	Cadomin	4	11- 7-41
Muir, Alexander	Alexo	6	11- 7-41
Miller, Henry	Rosedale	8	25- 7-41
*McEvoy, Jas.	Fernie, B.C.	17	1- 8-02
*McVicar, Samuel	Frank	59	26- 4-05
McLean, Donald	Ladysmith, B.C.	62	22- 5-05
*McMillan, J. H.	Vancouver, B.C.	17	12- 1-09
*McDonald, John R.	Edmonton	29	30-11-09
McLenhan, J. A.	Edmonton	39	13- 1-10
*Macaulay, Donald A.	Drumheller	42	9-12-10
McCullough, James	Corbin, B.C.	41	17-12-10
McDonald, Duncan	Drumheller	60	23-11-11
*McKelvie, James	Nordeg	7	26-10-14
Macaulay Angus G.	Drumheller	9	16- 8-15
*McDonald, Hector S.	Bellevue	17	7- 7-17
McLeod, John A.	Cadomin	18	7- 7-17
McDonald, Noble M.	Bellevue	33	9- 7-18
McIntyre, J. J.	Coleman	39	25- 7-19
McGuckie, Thomas M.	Wayne	43	1-10-19
Mackinnon, Hugh G.	Canmore	20	20- 7-39
McDonald, Leslie M.	Bellevue	23	27- 7-39
McAndrew, John M.	Calgary	11	1- 8-42
McMullen, Arthur	Nordeg	3	6-11-40
Nugent, Bernard	Edmonton	57	1- 8-24
O'Donnell, Thomas	Rosedale	61	28-11-11
Pearson, Robinson	Fernie, B.C.	11	19-11-01
*Parker, John L.	North Star	25	13-11-03
Pearson, R. N.	Frank	38	10- 5-04
Powell, John W.	Coleman	60	10- 5-05
Pitcher, Norman C.	Edmonton	75	11-11-12
Pickles, William	Edmonton	77	11-11-12
*Pavier, Evan L.	Edmonton	24	24- 7-17
*Puckett, Owen L.	Robb	29	3- 7-18
Pascoe, Thomas	Edmonton	78	8- 8-30
Potter, Idwal N.	Willow Creek	22	25- 7-39
*Quigley, Jas. S.	Hillcrest	21	1- 2-09
Quigley, D. H.	Drumheller	28	28- 6-18
*Reynolds, E. E.	Lethbridge	33	5- 4-04
Richards, James A.	Edmonton	39	17- 5-04
*Russell, Thos.	Victoria, B.C.	45	28-10-04
Raisbeck, Luke	Aerial	47	28-11-04
*Reed, Thomas	Northfield, B.C.	5	
Robertson, John	Drumheller	2	22-12-05
*Robertson, John	Lundbreck	9	18- 1-08
*Richards, Clifton C.	Calgary	36	13-12-09
Russell, John	Round Hill	44	22-12-10
Reid, John C.	Oklahoma, U.S.A.	53	4-12-11
*Roberts, Edward I.	Edmonton	55	18-11-11
Reid, Adam H.	Oklahoma, U.S.A.	3	18- 9-14
Russell, James	Lethbridge	8	8-12-14
Robert, Louis P.	Blairmore	10	16- 8-15
Ramsay, P. M.	Drumheller	34	12-11-18
Richards, Russell	Hillcrest	60	20- 7-25
Rappell, Thomas	Canmore	17	1- 9-37
*Smith, Frank B.	Edmonton	7	4- 6-01
Stockett, Thos. R. Jr.	Nanaimo, B.C.	10	19-11-01
Simister, Chas.	Lundbreck	21	13-10-03
*Strachan, Robert	Fernie, B.C.	31	10- 2-04
*Shepherd, F. H.	Victoria B.C.	34	2- 5-04

## THE MINES BRANCH

## List of Names of Holders of First Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Symons, C. C.	Coalfields	37	2- 5-04
Stockett, Louis	Vancouver, B.C.	51	19- 1-05
*Sharp, Alex.	Rossland, B.C.	53	22- 2-05
Scott, Alex.	Edmonton	5	26-12-07
*Stirling, John T.	Scotland	8	10- 1-08
Sparrow, Edwin	Tawatinaw	13	7- 1-09
Scott, Andrew N.	Luscar	19	25- 1-09
*Shone, Samuel	Coleman	33	2-12-09
Stevens, Leonard C.	Edmonton	31	2-12-09
Saville, Enoch O.	Taber	45	22-12-10
*Shaw, William	Edmonton	46	22-12-10
Stewart, Robert T.	Edmonton	50	12- 1-11
Shanks, John	Nordeg	51	17- 1-11
Stevenson, John	Scotland	68	6-12-11
Stevenson, William	Calgary	87	29- 7-13
Shanks, David	Nordeg	16	4-11-16
Smith, Thomas E.	Montana	31	3- 7-18
Stevenson, John	Hillcrest	46	26- 7-20
Stewart, James M. Jr.	Nordeg	48	26- 7-20
Sandino, J. A.	Drumheller	5	25- 7-32
Smith, Terence	Drinnan	10	1- 8-35
Thorne, B. L.	Calgary	32	2-12-09
Thain, Harry S.	Lethbridge	34	2-12-09
Thomas, John I.	Edmonton	49	16- 1-11
Thomas, Willis P.	Diamond City	58	23-11-11
*Thomas, Joseph D.	Passburg	66	4-12-11
*Turner, John T.	Coalhurst	49	1- 8-21
Tennant, Robert	Drumheller	59	20- 7-25
Touhey, James B.	Dinant	19	27- 7-38
Thomas, David R.	Edmonton	2	12-10-40
Thomson, John	Edmonton	9	17- 7-42
*Whiteside, O. E. S.	Vancouver, B.C.	6	15-12-98
White, E. Proctor	Virginia, U.S.A.	8	17- 6-01
*Wyllie, John B.	Frank	13	25-11-02
Waite, Archibald	Taber	15	9- 4-03
*Wilson, David G.	Fernie, B.C.	22	31-10-03
Wilson, Arthur R.	Nanaimo, B.C.	28	12- 1-04
*Wall, Wm. H.	Nanaimo, B.C.	32	10- 2-04
*Williams, W. P.	Blairmore	36	2- 5-04
*Wright, H. B.	Fernie, B.C.	40	25- 5-04
*Wilkinson, Geo.	Nanaimo, B.C.	54	27- 3-05
*Weatherby, C.	Coleman	2	31- 5-06
Williams, T. H.	Taber	10	18- 1-08
Waters, John	Bankhead	30	30-11-09
*Wark, S. D.	Passburg	37	15-12-09
*Willey, Edward	Fernie, B.C.	71	1-11-12
*Watson, William	Drumheller	73	7-11-12
*Welch, James D.	Nordeg	1	18- 9-14
Williams, Thomas B.	Calgary	2	18- 9-14
Waters, Alexander G.	Bankhead	32	5- 7-18
Watson, Ronald H.	Edmonton	37	3- 7-19
*Wilkinson, George	Victoria, B.C. (duplicate)	45	21-11-19
Williams, Arthur E.	Saunders	59	1- 8-27
Wilson, Andrew	Edmonton	70	1- 8-27
Wilson, William	Drumheller	72	1- 8-27
Whittaker, W. C.	Coal Valley	74	29- 7-28
Worthington, Willard T.	Edmonton	16	26- 8-37
Young, D. B.	Bellevue	64	26- 7-26
Yates, Frank	Michel, B.C.	73	29- 7-28

\*Deceased.

Certificates issued previous to September 1, 1905, were issued under the provisions of The Coal-mines Regulation Ordinance of the North-West Territories.

## INTERCHANGE FIRST CLASS

Cumberland, James	Drumheller	80	19- 1-31
*Jones, Griffith	Drumheller	63	21-10-25
Morrison, Edward	Fernie, B.C.	62	28- 9-25
McLean, Michael D.	Michel, B.C.	68	30- 8-26
Scott, Thomas W.	Cadomin	67	17- 8-26

## ANNUAL REPORT, 1942

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## List of Names of Holders of Second Class Certificates

Name	Address	Cert. No.	Date of Issue
*Anderson, J.	Bellevue	2	30- 5-06
Aspinall, Francis	Vancouver, B.C.	27	27- 5-08
Allen, Peter	Wayne	72	20-12-11
Allen, William C.	Wayne	22	7- 9-15
Atherton, Edward	Sheerness	49	17- 7-17
Ashurst, William	Coleman	51	17- 7-17
Ashman, Alfred W.	East Coulee	88	3- 7-19
Adlam, William	Hillcrest	107	15- 7-19
Armstrong, John	Nordegg	110	16- 7-19
Adams, Thomas H.	Beverly	127	26- 7-20
*Anderson, Peter B.	Mountain Park	139	26- 7-20
Alexander, William	Bellevue	68	30- 7-38
Aschacker, Martin	Blairmore	17	20- 1-42
Appleby, Wm. S.	Canmore	18	17- 7-42
Ainsworth, John H.	Halkirk	25	24- 7-42
*Bastian, J.	Taber	21	7- 5-04
Bastian, T. W.	Clover Bar	27	8- 4-05
Bowie, J.	Leduc	4	3- 1-07
Bamling, J.	Diamond City	44	2-12-09
Brockhouse, I. B.	Milk River	74	20-12-11
Bridge, Edward	Cumberland, B.C.	99	5-11-12
Brown, Alan J.	Coleman	105	7-11-12
Barclay, Andrew	Frank	111	18-11-12
Brown, William	Commerce	126	31- 7-13
Blake, Henry	Blairmore	128	31- 7-13
Brisco, Daniel	Luscar	19	21- 8-15
Bilson, George H.	Rhodesia	2	27- 8-14
*Brownrigg, John H.	Bankhead	21	30- 8-15
Berford, Edward	Commerce	27	12- 8-16
Barclay, William	Drumheller	54	10- 8-17
Bovio, M.	Bellevue	61	5- 7-18
Blair, John	Picture Butte	72	11- 7-18
Brearley, Garnett	Coalhurst	78	23- 7-18
Brown, J. F.	Edmonton	84	28- 6-19
Bail, Benjamin	Michel, B.C.	101	8- 7-19
Badham, Thomas	Coleman	104	15- 7-19
Bainbridge, James	Nanaimo, B.C.	112	5- 8-19
Brooks, Burton T.	Drumheller	129	26- 7-20
Brady, John	Luscar	141	26- 7-20
Brown, Thomas	Edmonton	55	17-11-17
Briggs, William A.	Carbon	154	10-10-21
Bradley, Thomas	Bellevue	166	17- 8-23
Baybutt, Thomas	Hillcrest	168	17- 8-23
Blas, Emile	Wayne	169	17- 8-23
Boucher, Charles T.	Wayne	175	16- 7-24
Barrowman, Alexander	Ardley	182	14-11-24
Bainbridge, George E.	Nordegg	183	12-12-24
Birse, Alexander	Coalhurst	185	20- 7-25
Brown, Richard G.	Cadomin	192	30- 7-26
Burton, William H.	Edmonton	194	6- 8-26
Burton, John T.	Edmonton	212	23- 7-29
Barrie, John	Drumheller	8	26- 7-31
Boughton, C. A.	Rosedale	10	25- 7-32
Burton, James	Robb	13	25- 7-32
Burrell, Archibald K.	Drumheller	37	26- 7-34
Brown, John D. B.	Mountain Park	55	4-11-36
Barclay, Peter	Rosedale	4	3- 8-40
Bradshaw, Richard	East Coulee	8	12- 7-41
Balkwill, F. W.	Hillcrest	20	17- 7-42
Blake, Raymond	Bellevue	28	12- 8-42
Chestnut, C.	Vancouver, B.C.	30	18- 4-05
*Corkill, T.	Michel, B.C.	13	
*Crowder, James	Blairmore	10	26-12-07
Clay, E.	Oxville	28	7- 1-09
Clyne, James	Edmonton	53	22- 4-10
Clemenson, John	Scotland	58	17-12-10
Cooke, Joseph	Burmis	66	20- 2-11
*Crowder, Harry	East Coulee	69	18-12-11
Coupland, George	Bellevue	77	21-12-11
Cranston, Michael	Drumheller	119	29- 7-13
Crawford, Alexander	Edmonton	125	31- 7-13
Campbell, K. S.	Beverly	132	31- 7-13
Coupland, Edward	Cadomin	8	18- 9-14
Coutes, George	Lethbridge	20	26- 8-15
Conlin, John	Drumheller	33	22- 8-16
Cox, John C.	Toronto	42	7- 7-17
Clark, Robert	Hardieville	43	7- 7-17
Crabb, Samuel A. B.	Lethbridge	52	17- 7-17
Crawford, John	Edmonton	64	6- 7-18
Crawford, William S.	Lethbridge	66	9- 7-18
Carson, James	Spring Point	82	17-10-18

## List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Cartwright, Charles E.	Blairmore	85	2- 7-19
Clarkstone, W. W.	Fernie, B.C.	93	3- 7-19
Caufield, J.	Coal Creek, B.C.	105	15- 7-19
Carr, Thomas	Cadomin	117	1-10-19
Cole, J. J.	Canmore	126	26- 7-20
Congdon, Milton H.	Blairmore	158	1- 8-22
Campbell, Thomas	Drumheller	174	16- 7-24
Chavignaud, Louis G.	Hinton	195	17- 8-26
Castella, Jens	Standard	35	23- 7-24
Clyne, James M.	Edmonton	42	18- 7-35
Carmichael, Malcolm	Canmore	65	21- 7-38
Crawford, Hugh	Lethbridge	85	12- 8-39
Curry, John	Hillcrest	86	12- 8-39
Campbell, James	Calgary	94	20-12-40
Carson, James	Edmonton (duplicate)	16	25- 9-41
Crabb, Daniel J.	Lethbridge	21	17- 7-42
Davies, D.	Edmonton	31	18- 4-05
Duggan, R. G.	Nanaimo, B.C.	19	26- 4-04
Davis, A.	Lethbridge	4	19-11-98
Dixon, S.	Commerce	24	8- 2-08
Davies, S.	Alexo	18	10- 1-08
Davies, John	Coleman	11	26-12-07
Dunn, J. P.	Edmonton	9	26-12-07
Davis, John	Lethbridge	31	11- 1-09
*Davies, T.	Frank	54	22- 4-10
*Davidson, David	Alexo	94	1-11-12
Davies, Thomas O.	Calgary	104	7-11-12
Dalziel, Robert	Clover Bar	122	31- 7-13
*Digman, John H.	Coalhurst	134	31- 7-13
Dennis, F. W.	England	3	27- 8-14
Dewar, Alexander	Coleman	16	16- 8-15
Donaldson, C. S.	Lethbridge	35	26- 8-16
Duncan, N. S.	Dodds	100	8- 7-19
D'Altroy, A. C.	British Columbia	145	1- 8-21
Dieter, W. J.	Sheerness	167	17- 8-23
Davidson, John M.	Clover Bar	187	1- 8-25
Dutton, Joseph A.	Mountain Park	198	1- 8-27
Davidson, Albert M.	Dodds	202	20-12-27
Davey, George	Rosedale	209	29- 7-28
Deere, G. E.	Foothills	214	23- 7-29
Davies, J. C. H.	Blakeburn, B.C.	219	10- 9-30
Dixon, John O.	High River	220	10- 9-30
Donaldson, Adam	Lethbridge	40	13- 8-34
Douglas, Peter S. Jr.	Cadomin	93	22- 4-40
Dunn, Robert	Willow Creek	6	12- 8-40
Dobson, Roy C.	Lethbridge	27	4- 8-42
Emmerson, C.	Bellevue	3	15-11-98
*Eccleston, W.	Michel, B.C.	16	10- 1-08
Evans, Thos. R.	Coleman	137	31- 7-13
Embree, Merton B.	Evansburg	98	3- 7-19
Edwards, John	Cadomin	7	26- 7-31
Evans, Howell	Mountain Park	24	29- 7-33
Elkes, Frederick W.	Drumheller	33	23- 7-34
Edwards, Mark	Edmonton	50	7- 8-36
Edwards, Oliver E.	Cadomin	53	12- 8-36
Esteban, Melchor	Calgary	59	23- 8-37
Evans, Howell	Luscar (duplicate)	77	23- 3-39
Erikson, Gustaf W.	Blairmore	81	25- 7-39
*Fraser, G. L.	Coleman	25	23-12-04
Flint, W. G.	Edmonton	16	
Francis, J.	Taber	29	8- 1-09
Fox, A.	Nevis	42	29-11-09
Foster, W. R.	Taber	51	24- 1-10
Fulton, James K.	Coleman	133	31- 7-13
Foster, William	Robb	14	16- 8-15
Finlay, Samuel	Clover Bar	25	12- 8-16
*Ferguson, C. J.	Edmonton	38	30- 8-16
Fortner, Edward	Tennessee, U.S.A.	57	3- 7-18
France, Thomas	Priddis	67	9- 7-18
Fyvie, J.	Drumheller	109	16- 7-19
Fraser, James	Carbon	133	26- 7-20
Fyfe, Walter H.	Nelson, B.C.	142	26- 7-20
Ford, Allen	Michel, B.C.	146	1- 8-21
Fraser, Alex.	Carmangay	221	10- 9-30
Fawcett, Elmer S.	Cardiff	51	7- 8-36
Fox, Alfred A.	Canmore	63	13-11-37
Fridel, Stephen	Edmonton	59	30- 7-38
Green, R.	Calgary	17	26- 4-04
Giffen, H. R.	Carbon	14	1905
Gilliland, William	Cardiff	61	17-12-10
Garbett, Richard	Corbin, B.C.	100	5-11-12



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## List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Garrett, John	Blairmore	123	31- 7-13
Givens, John	Wayne	99	8- 7-19
*Gate, Harry	Coleman	124	26- 7-20
Graham, John	Coaldale	157	1- 8-22
Gidman, Joseph H.	Taber	165	29-12-22
Gordon, Thomas	Drumheller	184	27- 5-25
Gilmour, John	Drumheller	222	9- 2-31
Goodwin, Geo. W.	Bellevue	2	26- 7-31
Goodwin, Wm.	Bellevue	9	26- 7-31
Greenhalgh, R. M.	Coleman	11	25- 7-32
Gotheridge, W. V.	Round Hill	43	24- 7-35
Goodwin, Albert E.	Bellevue	72	26- 8-38
Gladwin, Lewis C.	Saunders	22	18- 7-42
Grant, Alexander	Hillcrest	24	22- 7-42
Griffiths, Edward	Foothills	1	3- 8-40
Hall, Oliver	Bellevue	26	23-12-04
Harvie, Robert	Lethbridge	1	30- 5-06
Hutchinson, A. M.	Coleman	6	3- 1-07
Horne, Robert	Blairmore	12	26-12-07
Horswell, John	Edmonton	34	1- 2-09
Howells, Nathaniel	Wayne	55	25- 5-10
Hallworth Albert	Bellevue	65	30- 1-11
Hamilton, Allan	Drumheller	78	21-12-11
Heeley, William G.	Calgary	80	22-12-11
Hill, James	Canmore	84	13- 1-12
Hutton, John	Edmonton	93	1-11-12
Hunter, Henry	Edmonton	102	7-11-12
Hughes, Daniel J.	Diamond City	110	13-11-12
Hartley, William	Bankhead	114	25-11-12
Hamilton, Allan	Drumheller (duplicate)	1	1- 4-14
Hunter, Charles	Beverly	4	18- 9-14
Hunter, Alexander B.	Drumheller	7	18- 9-14
Harries, Henry C.	Coleman	9	18- 9-14
Heathcote, Joseph	England	10	18- 9-14
Hughes, William R.	Barnwell	13	6- 8-15
Halliday, George W.	Nanaimo, B.C.	31	22- 8-16
Hutton, David T.	Bellevue	44	10- 7-17
Hastings, Andrew P.	Champion	62	5- 7-18
*Hulme, Charles	Rocky Mountain House	63	6- 7-18
Hargreaves, G.	Lethbridge	70	9- 7-18
Hutchison, P.	Ardley	102	10- 7-19
Hedges, Richard	Beverly	111	18- 7-19
Higney, John	Coalhurst	130	26- 7-20
Heap, Robert	Coalhurst	137	26- 7-20
Holmes, Robert	Coleman	144	6- 1-21
Hughes, John C.	Madrid	156	15-12-21
Hamilton, Joseph J.	Lethbridge	164	9- 9-22
Hall, James	Coal Creek, B.C.	190	26- 7-27
Hibbert, William J.	Dinant	191	26- 7-27
Harries, John	Wayne	213	23- 7-29
Hamilton, John	Delia	18	10- 8-32
Hulbert Havelock A.	Coleman	31	23- 7-34
Hamilton, Thomas M.	Blairmore	34	23- 7-34
Hooks, Albert	Drumheller	38	26- 7-34
Heyworth, Ernest S.	Edmonton	45	2- 6-36
Hillary, Joseph	Bellevue	49	7- 8-36
Hill, Ernest	Coleman	57	23- 8-27
Holliday, Thos.	Drumheller	71	17- 8-38
Henry, Wm. B.	Newcastle	76	9-11-38
Heidel, Herbert G.	Priddis	26	1- 8-41
Ironmonger, John	Hillcrest	60	5- 7-18
Jones, Samuel A.	Nanaimo, B.C.	18	26- 4-04
*Johnson, Moses	Blairmore	46	3-12-09
Jones, David	Edmonton	48	15-12-09
Jones, Peter	Drumheller	92	1-11-12
*Jordan, William	East Coulee	112	20-11-12
*James, William	Pocahontas	5	18- 9-14
Jackson, James	Bellevue	56	3- 7-18
Joberg, A. F.	Delia	68	9- 7-18
*Jones, C. E. R.	Cardiff	83	12-11-18
Jones, D.	Coalhurst	116	5- 9-19
Jones, Daniel	Edmonton	178	24- 7-24
*Jones, Iltyd	Edmonton	197	1- 8-27
Jones, Elias	Coleman	16	25- 7-12
Johnstone, Alexander	Edmonton	7	11- 7-41
Kerr, John	Lethbridge	33	6- 7-05
*Kellock, George	Coleman	39	27-11-09
Kellock, James	Coleman	82	30-12-11
Keith, John D.	Coalhurst	107	11-11-12
Kaye, Hershel	Pocahontas	129	31- 7-13
Kerr, W. R.	Carbon	115	2- 9-19

## List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Kennedy, Joseph	Willow Creek	47	31- 7-36
Lowrie, Ralph	Stettler	34	6- 7-05
Livingstone, Robert	Lethbridge	6	5- 6-99
Livingstone, John C.	Lethbridge	5	19-11-98
*Lee, Robert J.	Estevan, Sask.	56	17-12-10
Luck, George	Drumheller	70	19-12-11
Letcher, William M.	Bankhead	96	1-11-12
*Leblanc, Emile	Wayne	127	31- 7-13
Littler, Robert	Michel, B.C.	6	18- 9-14
Lundy, James	Carbon	53	17- 7-17
Larrai, Charles F.	Coleman	170	1- 9-23
Lindoe, Luke	Hanna	74	12- 7-18
Littler, James	Michel, B.C.	200	12- 8-27
Lavis, George	East Coulee	218	10- 9-30
Lloyd, James H.	Blairmore	12	25- 7-41
Lister, Arthur L.	Cadomin	14	25- 7-41
*Musgrove, John	Canmore	2	15-11-98
*Morris, John	Lundbreck	8	3- 1-07
*Morgan, Daniel	Edmonton	17	10- 1-08
Musgrove, William	Canmore	32	6- 7-05
Miller, John K.	Drumheller	29	8- 4-05
Moore, Thomas E.	Drumheller	47	11-12-09
Miard, Harry K.	Coal Creek, B.C.	64	16- 1-11
Munro, William K.	Blairmore	76	21-12-11
Murphy, Peter J.	Drumheller	91	24- 8-12
Mather, Thomas	Luscar	106	11-11-12
Muir, David	Edmonton	108	11-11-12
Massey, Harry	Corbin, B.C.	116	25-11-12
Morgan, Owen	Saunders	121	29- 7-13
Mason, Samuel	Blairmore	130	31- 7-13
Mather, John	Edmonton	23	13- 9-15
Miller, Walter	Beverly	26	12- 8-16
Melling, Peter	Coalhurst	28	12- 8-16
Murray, J.	Coalhurst	90	3- 7-19
Mossey, Thomas	Lethbridge	95	3- 7-19
Makln, J. W.	Hillcrest	103	15- 7-19
Marsh, E.	Wayne	113	25- 8-19
*Martin, R.	Taber	114	25- 8-19
Miller, John H.	Midlandvale	131	26- 7-20
Mackie, John	Bankhead	136	26- 7-20
Marsh, John H.	Midlandvale	153	1- 8-21
Meyers, August	Drumheller	172	18-12-23
Mossey, Robert	Frank	173	16- 7-24
*Martin, Henry Sr.	Saunders West	203	29- 2-28
Miller, David	Mercoal	204	19- 7-28
Miller, John K.	Drumheller (duplicate)	210	24-11-28
Morgan, Evan H.	Edmonton	215	23- 7-29
Marsh, Walter	Delburne	20	21- 9-32
Maievich, John (May)	Edmonton	26	29- 7-33
Morgan, Thos. E.	Hillcrest	27	22- 8-33
Moran, James	Edmonton	46	28- 7-36
Mayoh, Daniel	East Coulee	48	7- 8-36
Musgrove, Harry B.	Canmore	60	23- 8-37
Muir, Alexander	Alexo	67	27- 8-38
Miller, Henry	Burmis	75	13-10-38
Melling, Joseph	Lethbridge	82	25- 7-39
Mills, Basil	Shaughnessy	84	12- 8-39
Mrokwia, Victor Jr.	Canmore	2	3- 8-40
Mather, Richard	Edmonton	29	10- 8-42
*McVicar, Samuel	Frank	23	23-12-04
McKean, John W.	Lethbridge	24	23-12-04
McGregor, Alex.	Cardiff	1	20-12-05
*McKay, Donald	Bankhead	3	30- 5-06
McLenhan, John A.	Edmonton	33	1- 2-09
*McKelvie, Jas.	Hosmer, B.C.	43	29-11-09
McDonald, Duncan	Drumheller	60	17-12-10
McMillan, Donald	Pincher Creek	71	20-12-11
MacDonald, James A.	Bellevue	79	21-12-11
MacKay Angus	Nova Scotia	81	26-12-11
McIntyre, John J.	Coleman	88	2- 3-12
McDonald, J. O. C.	Coleman	15	16- 8-15
McDonald, Hector S.	Coleman	17	16- 8-15
McDonald, Noble M.	Bellevue	18	16- 8-15
McLellan, John A.	Mercoal	24	2-11-15
McFegan, William	South Wellington, B.C.	34	22- 8-16
McIntyre, John J.	Bellevue (duplicate)	41	9-12-16
MacDonald, J. H.	Nanaimo, B.C.	48	10- 7-17
McQueen, Andrew	Edmonton	71	9- 7-18
McKinnon, H. G.	Canmore	76	13- 7-18
MacAskill, Donald	Drumheller	77	16- 7-18
McKinnon, John L.	Coleman	80	26- 7-18

## List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
McLean, Michael D.	Michel, B.C.	122	26- 7-20
McCullough, Alex.	Coleman	143	10- 8-20
McLeod, Alexander	Drumheller	149	1- 8-21
McDonald, William	Drumheller	155	10 10-21
McKenna, Peter	Cadomin	161	1- 8-22
McGaw, Albert M. S.	Carmangay	171	15- 9-23
MacDonald, L. M.	Bellevue	217	10- 9-30
McDonald, Clyde P.	Bellevue	1	26- 7-31
McGregor, Thos. B.	Lethbridge	19	10- 8-32
McGowan, John M.	Newcastle	36	26- 7-34
McCutcheon, J. A.	Midlandvale	58	19- 8-37
McAndrew, J. M.	Calgary	64	19- 7-38
McMullen, Arthur	Nordeg	66	21- 7-38
McDonald, William I.	Willow Creek	9	12- 7-41
*Nicol, James	Frank	36	10- 2-09
Nanson, Thomas H.	Bellevue	40	25- 9-16
Nicol, George	Drumheller	46	10- 7-17
Nugent, Bernard	Camrose	73	11- 7-18
Novak, Mike	Milk River	32	23- 7-34
Ostheidt, Gus	Cardiff	1	14-11-98
Oliphant, Joseph H.	Carbon	59	17-12-10
Oliphant, John T.	Medicine Hat	153	1- 8-21
Ostler, James	Taber	160	1- 8-22
Ottewell, William J.	Clover Bar	176	16- 7-24
Ottewell, Cedric P.	Clover Bar	193	6- 8-26
Oakes, Robert	Blairmore	17	25- 7-32
*Phillips, Chas.	Frank	20	26- 4-04
Pearson, W. G.	Frank	15	26- 4-04
Parsons, T. Lloyd	Edmonton	26	21- 3-08
Pickles, William	Edmonton	35	1- 2-09
Prentice, John	Virginia, U.S.A.	45	2-12-09
Park, Stewart G.	Lethbridge	57	17-12-10
Parker, Levi	Cardiff	68	28- 4-11
Powell, Albert E.	Lundbreck	85	16- 1-12
Parry, Thomas	Coleman	109	12-11-12
Picton, Daniel	Aerial	118	10- 2-13
Penman, John S.	Rosenroll	120	29- 7-13
*Pavie, Evan L.	Edmonton	37	30- 8-16
Puckett, Owen L.	Robb	50	17- 7-17
Park, William	Bellevue	65	6- 7-18
Pemberton, Geo. W.	Edmonton	97	3- 7-19
Peacock, Charles	Coalhurst	138	26- 7-20
Prendergast, Denis	Nova Scotia	188	26- 7-26
Pettigrew, Robert	Corbin, B.C.	30	27- 4-34
Potter, I. N.	Nacmine	44	15- 8-35
Parker, Jack	Cardiff	52	6- 8-36
Price, Stanley R.	Blairmore	79	25- 7-39
Peta, Julius	Hardieville	90	23-10-39
Park, Angus	Edmonton	15	28- 7-41
Quigley, Daniel H.	Drumheller	73	20-12-11
Queen, Andrew M.	Lethbridge	124	31- 7-13
Quin, James	East Coulee	23	29- 7-33
Rice, Awrey	Edmonton	2	20-12-05
Roberts, D. E.	Coleman	14	10- 1-08
Rankin, George	Michel, B.C.	41	29-11-09
*Roberts, E. I.	Edmonton	52	12- 3-10
Ramsey, Peter M.	East Coulee	86	24- 2-12
Roberts, E.	Rosedale	87	2- 3-12
Richards, Samuel	Bellevue	98	5-11-12
Roberts, John	Cadomin	12	26-10-14
Russell, John	Alix	29	12- 8-16
Robinson, William	British Columbia	30	22- 8-16
Rawlinson, R.	Cadomin	32	22- 8-16
Richards, Evan	Edmonton	59	3- 7-18
Roberts, G.	Lethbridge	79	23- 7-18
Roberts, D. O.	Cardiff	86	2- 7-19
Reed, Edward	Drumheller	135	26- 7-20
*Radford, James	Bellevue	140	26- 7-20
Redpath, James	Wayne	147	1- 8-21
Ruffell, Alfred	Lethbridge	180	11- 8-24
Rees, Daniel	Blairmore	189	26- 7-26
Rappel, Thomas	Canmore	206	19- 7-28
Rolfe, E.	British Columbia	211	4- 2-29
Robertson, Duncan	Drumheller	29	10- 3-34
Rear, Albert E.	Coleman	56	15-12-36
Rochester, Jasper J.	Clinton	78	20- 7-39
Riordan, Leo	Canmore	19	17- 7-42
*Scott, Hugh	Lethbridge	7	9- 3-00
Steele, Thomas	Coleman	12	26- 4-04
Sequin, Joseph A.	Estevan, Sask.	22	16- 4-04
Sparrow, Edwin	Tawatinaw	7	3- 1-07

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Shone, Samuel	Coleman	23	23- 1-08
*Shaw, William	Edmonton	21	18- 1-08
Scott, Andrew N.	Luscar	19	10- 1-08
Stewart, J. M.	Nordeg	50	24-12-09
Sihvon, William	East Coulee	40	29-11-09
Sloan, Thomas W.	Burnis	67	2- 3-11
Shaw, Thomas J.	Hinton	75	21-12-11
Strickland, Thomas	Three Hills	101	5-11-12
Scott, Alexander	Pocahontas	103	7-11-12
Schmidt, Otto P.	Camrose	115	25-11-12
Shanks, David	Nordeg	117	7-12-12
Stephenson, Joseph	Bellevue	135	31- 7-13
Stephenson, Thomas	Bellevue	136	31- 7-13
Smith, Thomas E.	Montana, U.S.A.	39	14- 9-16
Simpson, William G.	British Columbia	45	10- 7-17
Stevenson, John	Glasgow, Scotland	47	10- 7-17
Sinclair, James	Drumheller	81	7- 8-18
Sandino, J. A.	Drumheller	91	3- 7-19
Stratton, J. M.	Redcliff	94	3- 7-19
Saunt, James	Drumheller	123	26- 7-20
Steele, Francis M.	Pincher Creek	125	26- 7-20
*Scott, Frederick G.	Brule	128	26- 7-20
Scarpino, F.	Wayne	121	26- 7-20
Shaw, William G.	Kimberley	177	24- 7-24
Shaw, Joseph H.	Kimberley	196	22- 9-26
Smith, Terrence	Beverly	205	19- 7-28
Swan, John	Edmonton	12	25- 7-32
Strang, David	Mountain Park	15	25- 7-32
Sutherland, S. R.	Bellevue	28	22- 8-33
Smith, Peter	Coleman	39	13- 8-34
Strickland, Thos.	Three Hills (duplicate)	54	16-10-36
Samis, Earl L.	Namoo	62	30- 9-37
Shaw, Robert	Coleman	70	2- 8-38
Sinoski, Steve	Edmonton South	80	25- 7-39
Sarsfield, Wm.	East Coulee	83	28- 7-39
Simmons, Harry	Mountain Park	89	14- 9-39
Scarpino, Eugene M.	Rosedale	5	4- 9-40
Strickland, William	East Coulee	11	14- 7-41
Stevenson, Robert	East Coulee	13	25- 7-14
*Thomas, David	Bankhead	28	8- 4-05
*Teppo, Herman	Bellevue	15	10- 1-08
Thomas, John	Diamond City	30	8- 1-09
Thain, Harry S.	Lethbridge	32	12- 1-09
*Thomas, Jos. D.	Drumheller	37	25-11-09
*Taylor, Thomas	Hillcrest	62	22-12-10
Taylor, Geo. Warren	Lethbridge	83	30-12-11
Thomas, John	Frank	89	25- 3-12
Tonge, Thomas	Lundbreck	90	1- 6-12
Thompson, Joseph	Coleman	97	1-11-12
Thomas, Isaac	Coleman	131	31- 7-13
Tennant, Robert	East Coulee	58	3- 7-18
Tully, Thomas	Fernie, B.C.	75	12- 7-18
Thompson, T.	Coleman	87	2- 7-19
Thomason, C.	Blairmore	119	12-11-19
Taylor, C. M.	Edmonton	118	1-10-19
Thomas, Isaac	Coleman (duplicate)	120	2- 1-20
Turner, Leonard	Nordeg	179	11- 8-24
Thomson, Andrew R.	East Coulee	159	1- 8-22
Thomson, George G.	Lethbridge	163	9- 9-22
Talbot, W. J.	Edmonton	207	29- 7-28
Thackray, Fred	Lethbridge	208	29- 7-28
Thomson, John	Edmonton	4	26- 7-31
Thomson, James	Namoo	6	27- 7-31
Touhey, J. B.	Drumheller	22	6- 5-33
Tyrer, Edward	Shaughnessy	61	27- 8-37
Thomas, David R.	Edmonton	73	3- 9-38
Tyrer, Harold	Lethbridge	87	12- 8-39
Trevethin, Mark	Wayne	3	3- 8-40
Thompson, Joseph	Carbon	91	9- 1-40
*Unsworth, Robert	Hanna	36	30- 8-16
Uteley, F. W.	Bellevue	108	16- 7-19
Villard, Henry	Wabamun	181	11- 8-24
Vivurka, John	Mercoal	21	28- 9-32
Williams, Thomas H.	Vancouver, B.C.	8	20- 7-00
Waite, Archibald	Taber	10	26- 4-04
*Weatherby, Cory	Hillcrest	11	6-11-02
Wilson, William G.	Tacoma, Wash.	3	20-12-05
Whitelaw, Thomas	Lethbridge	25	24- 2-08
Watters, John	Banff	22	18- 1-08
Watkins, W. E.	Champion	20	18- 1-08
*Watson, William	Big Valley	13	26-12-07

## List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Wright, J. S.	Canmore	38	27-11-09
Winter, Archibald	Edmonton	63	16- 1-11
Watters, A. G.	Pocahontas	95	1-11-12
*Weich, James D.	Taber	113	20-11-12
Williams, John J.	Edmonton	11	18- 9-14
Worthington, Thomas	Lethbridge	69	9- 7-18
Worthington, W. T.	Edmonton	92	3- 7-19
Williams, W. E.	Edmonton	96	3- 7-19
Watkins, J. M.	Taber	106	15- 7-19
Williams, Albert	Edmonton	134	26- 7-20
Willets, Frederick	Hillcrest	148	1- 8-21
Wilson, Robinson	Drumheller	151	1- 8-21
Williams, Arthur E.	Saunders	162	1- 8-22
Williamson, David S.	Camrose	199	5- 8-27
Westcott, Henry M.	Wayne	201	10- 9-27
Whitehead, J. W.	Blairmore	216	5- 9-29
Wheatley, F. M.	Banff	3	26- 7-31
Wiltse, Donald H.	Edmonton	5	26- 7-31
Womersley, Alfred	Blairmore	25	29- 7-33
Webster, James S.	Shaughnessy	88	17- 8-39
Welsh, Edwin L.	Lethbridge	10	12- 7-41
Yard, George C.	Nordegg	150	1- 8-21
Young, D. B.	Bellevue	186	24- 7-25
Young, Charles	Bellevue	23	22- 7-42

\*Deceased.

## List of Names of Holders of Third Class Certificates

*Anderson, J.	Frank	13	
*Alderson, R. D.	Coleman	17	3- 1-07
Aspinall, Francis	Drumheller	32	30- 5-07
Ashurst, W.	Coleman	82	26- 8-09
Adlam, William	Hillcrest	108	2- 6-10
Archer, Roland	Hillcrest	132	22-12-10
Allen, William C.	Wayne	205	10- 8-12
Archibald, David	Bickerdike	222	25-11-12
Allan, Alexander M.	Hosmer, B.C.	247	31- 7-13
Adams, Thomas H.	Beverly	16	10- 3-14
Anderson, Andrew	Bellevue	39	17- 6-14
Atherton, Edward	Sheerness	40	14- 7-14
Appleton, John T.	Mountain Park	76	19- 4-15
Ashton, William	Hinton	90	27- 8-15
Anderson, Hugh W.	Edmonton	150	7- 7-17
Ashman, Alfred	East Coulee	151	7- 7-17
Armstrong, John	Castor	171	17- 7-17
Armstrong, Peter M.	Nordegg	224	8- 6-18
Arbuckle, John	Mountain Park	263	26- 6-19
Allen, Edgar	Wayne	436	29- 8-21
Antrobus, Fred	Coleman	461	31- 7-22
Ambrossi, Antonio	British Columbia	478	1- 8-22
Astley, David	Luscar	483	1- 8-22
Anderson, Robert	Drumheller	638	17- 8-26
Anderson, Gunner W.	Evansburg	650	1- 8-27
Aitken, William	Mountain Park	668	24- 3-28
Allanby, Charles H.	Foothills	679	19- 7-28
Armstrong, Alex.	Drumheller	697	16- 8-28
Armstrong, John	Castor	719	7- 6-29
Allen, Thos. G.	Blairmore	765	4- 6-30
Alexander, Wm.	Bellevue	8	26- 7-31
Annon, Joseph L.	Winnifred	65	25- 6-32
Ashmore, Jas. Jr.	Champion	108	15- 6-33
Appleby, Wm. S.	Canmore	117	6- 7-23
Adamson, Robert	Huxley	157	12- 6-34
Augustin, Ernest C.	Grande Prairie	164	19- 6-34
Aitchison, Peter	Lethbridge	230	22- 6-36
Adamson, Alexander	Perbeck	231	22- 6-36
Atkinson, Chas. W.	Drumheller	249	3- 6-37
Anderson, Robert	Drumheller	258	23- 6-37
Anderson, Arne	Elnora	313	4- 7-38
Allen, Walter F.	Wayne	315	4- 7-38
Allan, William H.	Drumheller	347	8- 6-39
Andrew, Alfred	Edmonton	355	8- 6-39
Ainsworth, John H.	Halkirk	29	25- 7-41
Allen, William H.	Newcastle (duplicate)	409	14- 9-40
Anderson, Robert	Drumheller	37	20- 4-42
Aschacker, Martin	Blairmore	1	3- 8-40
Bastian, T. W.	Clover Bar	30	5-12-04

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Barber, J.	Bankhead	7	3- 1-07
Bansemmer, R.	Bankhead	14	3- 1-07
Blake, P.	Lundbreck	23	14- 5-07
Brown, T.	Edmonton	24	14- 5-07
*Brownrigg, John H.	Frank	35	26-12-07
Burrows, C.	Frank	40	18- 1-08
Boulton, W. E.	Drumheller	48	29- 5-08
*Brovey, A. C.	Edmonton	64	1- 2-09
Besso, A.	Canmore	80	26- 7-09
Barnes, B. J.	Coal Creek, B.C.	92	29-11-09
Brisco, Daniel	Luscar	117	9- 6-10
Blake, Henry	Bellevue	133	30-12-10
Bradley, Thomas	Bellevue	138	16- 1-11
Barber, James S.	Hillcrest	144	3- 7-11
Bovio, Michael	Bellevue	146	3- 7-11
Brown, Alan J.	Coleman	163	17-11-11
Berford, Edward	Elcan	196	13- 7-12
Blakemore, Royden E.	Edmonton	227	16-12-12
Bainbridge, James	Nanaimo, B.C.	235	31- 7-13
Baird, John	Blairmore	243	31- 7-13
Beal, George F.	Bellevue	7	20-12-13
Brearily, Garnet	Turin	18	16- 3-14
Barclay, William	Drumheller	22	13- 3-14
Brown, John F.	Pocahontas	29	21- 4-14
Barclay, W. G.	Pocahontas	30	23- 4-14
Byers, John W.	Taber	48	25-11-14
Byron, John	Coalhurst	11	10- 3-14
Billington, Edward E.	England	73	25- 2-15
Booth, George	Beverly	85	18- 8-15
Boldon, James	Bellevue	86	19- 8-15
Bell, William	Coleman	95	12-10-15
Brown, Robert	Bellevue	112	10- 7-16
Bateman, Fred	Sheerness	123	14- 7-16
Barnes, Edward	Mountain Park	137	25- 9-16
Badham, Thomas	Drumheller	153	7- 7-17
Beveridge, Andrew	Lucky Strike	156	7- 7-17
Brown, David M.	Commerce	157	7- 7-17
Brooks, Burton T.	Drumheller	167	17- 7-17
Bartlett, Wallace	Elcan	173	17- 7-17
Bennett, Isaac	Armada	179	17- 7-17
Blair, John	Wayne	183	25- 7-17
Bobrovicki, Martin	Drumheller	217	5- 6-18
Baird, William	Drumheller	218	5- 6-18
Brooks, Claude E.	Drumheller	220	8- 6-18
*Blusson, Joseph T. C.	Champion	253	26- 6-19
Briggs, Alfred J.	Carbon	254	26- 6-19
Brennan, John	Long Coulee	261	26- 6-19
Brown, Frank	Coal Creek, B.C.	262	26- 6-19
Birse, Alexander	Coalhurst	268	26- 6-19
Bateman, James	Lethbridge	279	26- 6-19
Bealle, Fred A.	Brule	285	26- 6-19
Ball, Alfred	Natal, B.C.	292	20-11-19
Bland, H. A.	Taber	296	3- 2-20
Briggs, Charles	Canmore	302	26- 7-20
Babino, Arthur	Bankhead	312	26- 7-20
Barclay, R. W.	Drumheller	313	26- 7-20
Beveridge, Andrew	Coleman	314	26- 7-20
Bainbridge, G. E.	Nordegg	343	26- 7-20
Bambrough, George	Hillcrest	345	26- 7-20
Burcey, A.	Calgary	352	26- 7-20
Bird, Richard	Nordegg	357	26- 7-20
Barringham, F. J.	Rosedale	362	26- 7-20
Baxter, Robert	Canmore	374	17- 6-21
Brown, Thomas W.	Edmonton	377	1- 8-21
Battee, Noyes S.	Drumheller	381	1- 8-21
Blas, Emile	Bellevue	382	1- 8-21
Blake, Sylvanus R.	Wayne	384	1- 8-21
Barnes, Thomas	Blairmore	387	1- 8-21
Boyd, John	Wayne	390	1- 8-21
Barrie, James	Commerce	401	1- 8-21
Briggs, William A.	Carbon	414	1- 8-21
Bedwell, Alfred E.	Lethbridge	415	1- 8-21
Brooks, John	Bellevue	428	1- 8-21
Brown, George A.	Michel, B.C.	432	29- 8-21
Burton, John T.	Edmonton	448	21- 7-22
Birt, William C.	Evansburg	452	31- 7-22
Barnes, Ernest	Coleman	453	31- 7-22
Baker, Robert W.	Coleman	456	31- 7-22
Bradley, Walter	Cardiff	490	1- 9-22
Brooks, George W.	Edmonton	499	1-11-22
Brown, Austin L.	Edmonton	510	30- 5-23

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Barnes, John W.	Coleman	512	30- 6-23
Boscariol, J.	Mountain Park	521	17- 8-23
Brewer, Thomas W.	Drumheller	529	17- 8-23
Bonner, Fred	Evansburg	542	1- 9-23
Barrowman, Alexander	Nordegg	548	15- 9-23
Burton, William H.	Entwistle	553	1-11-23
Brown, Clarence H.	Drumheller	554	15-11-23
Boutry, A.	Bellevue	557	4-12-23
Burnham, George	Fallis	560	18-12-23
Brown, Richard G.	Cadomin	589	20- 7-25
Burrell, John	Coleman	607	25- 7-25
Burrows, James G.	Bellevue	617	14-10-25
Balkwill, Frederick W.	Hillcrest	631	30- 7-26
Booth, Harry	Beverly	654	12- 8-27
Burton, James	Robb	670	19- 7-28
Brown, William	Canmore	676	19- 7-28
Bradshaw, James	Scapa	690	16- 8-28
Balley, Leonard H.	Coalhurst	699	16- 8-28
Broderick, Frederick	Drumheller	702	24-10-28
Bevan, Walter	Canmore	721	7- 6-29
Boughton, C. A.	Rosedale	755	12-11-29
Boseley, Joseph H.	Bellevue	780	10- 6-30
Barber, William J.	Drumheller	781	10- 6-30
Blas, Victor	Blairmore	787	14- 6-30
Burrell, Archie K.	Drumheller	793	3- 7-30
Bell, William	Canmore	798	8- 8-30
Birrell, William	Robb	1	29- 1-31
Barrass, Thomas	Wayne	40	27- 7-31
Baker, R. D.	Luscar	41	27- 7-31
Barons, James	Drumheller	48	3- 8-31
Brown, Frederick	Edmonton	58	2- 6-32
Blades, James	Delburne	62	25- 6-32
Bonetti, D.	Champion	73	25- 6-32
Barclay, Daniel	Sundre	89	23- 9-32
Blas, Emil	Blairmore	91	22-10-32
Booth, Joseph	Drumheller	98	10- 6-33
Bradley, James	Foreman	103	10- 6-33
Bond, Bertram	Coleman	106	15- 6-33
Beveridge, John S.	Midlandvale	122	29- 7-33
Brown, J. D. B.	Mountain Park	129	26- 8-33
Blackett, W. N.	Drumheller	131	15-10-33
Budda, Joseph J.	Bellevue	145	5- 6-34
Bordula, Andrew J.	Hanna	160	16- 6-34
Baroni, Alfred	Edmonton	166	27- 6-34
Bignell, Emford L.	Gadsby	170	26- 7-34
Black, Andrew Jr.	Rosedale Station	184	17- 1-35
Brown, John	Canmore	185	20- 2-35
Bridaroll, G.	Magrath	203	8- 7-35
Bragdich, George	Thelma	207	24- 7-35
Bradshaw, Richard	East Coulee	209	26- 7-35
Broderick Gideon	Canmore	221	10- 3-36
Budesheim, August E.	Dlmsdale	238	20- 8-36
Batchelor, Frank	Lethbridge	275	10- 9-37
Barnes, George S.	Mountain Park	290	8- 6-38
Bulat, John	Edmonton	291	8- 6-38
Briers, Leonard	Red Deer	317	8- 7-38
Boychuk, Michael T.	Shaughnessy	324	12- 8-38
Barclay, Peter	Foothills	332	7- 9-38
Blum, Leo	Lymburn	336	19- 9-38
Bryant, E. A.	Wabamun	337	1-10-38
Briggs, Wm. A. Jr.	Drumheller	346	8- 6-39
Bachynski, John	Newcastle	348	8- 6-39
Blake, Robert	Bellevue	391	22- 8-39
Blake, Raymond	Bellevue	408	29- 2-40
Batty, George	Nordegg	3	3- 8-40
Brinkman, Alfred T.	Craigmyle	16	13- 1-41
Cowan, W.	Bankhead	4	15-11-98
Chestnut, C.	British Columbia	28	26- 4-04
Cawthorne, L.	Frank	46	18- 4-05
Churchill, J.	Frank	45	18- 4-05
Chestnut, C.	Blairmore (duplicate)	28	6- 7-05
Cooke, J.	Bankhead	4	30- 5-06
Catchpole, C.	Three Hills	2	30- 5-06
*Clark, J. C.	Blairmore	33	17- 7-17
Clyne, James	Edmonton	65	1- 2-09
Cole, J. J.	Canmore	66	1- 2-09
Campbell, Kenneth S.	Edmonton	102	27- 1-10
Clemenson, John	Bankhead	105	30- 5-10
Carson, James	Coalhurst	120	21- 6-10
Crockett, Levi A.	Hillcrest	131	22-12-10
Coupland, George	Bellevue	148	4- 7-11

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Carson, George	Frank	154	8- 7-11
Crawford, George	Frank	160	17-11-11
Combs, Walter P.	Taber	164	17-11-11
Coupland, Edward	Cadomin	173	17-11-11
Cox, John	Toronto	193	13- 7-12
Crawford, John	Edmonton	197	13- 7-12
Coutts, George	Lethbridge	210	26-10-12
Clark, Robert	Lethbridge	212	31-10-12
Cranston, Michael	Drumheller	218	11-11-12
Crawford, William	Lethbridge	8	6- 3-14
Coutts, David	Hardieville	23	30- 3-14
Crabb, S. A. B.	Lethbridge	38	28- 5-14
Chaplow, Joseph	Lethbridge	49	25-11-14
Clarke, Robert G.	Drumheller	70	16- 2-15
Campbell, John H.	Canmore	71	16- 2-15
Coxon, Thomas	Nacmine	89	27- 8-15
Convery, Dennis	Coleman	107	10- 7-16
Cooper, John A.	Lethbridge	166	10- 7-17
Coutts, Anthony B.	Hardieville	178	17- 7-17
Campbell, Henry	Bellevue	188	13- 8-17
Cartwright, Chas. E.	Blairmore	198	4- 4-18
Cousens, Gilbert W.	Bellevue	199	4- 4-18
Collins, Sidney G.	Edmonton	219	5- 6-18
Chapman, Christopher	Drumheller	232	12- 6-18
Campbell, George P.	Nordegg	229	8- 6-18
Chambers, Ralph H.	Lovett	246	25- 6-19
Campbell, Thomas	Alexo	247	25- 6-19
Conley, Leroy L.	Saunders	260	26- 6-19
Chalmers, James	Edmonton	278	26- 6-19
Carr, Thomas	Cadomin	283	26- 6-19
Clark, John	Bankhead	301	26- 7-20
*Congalton, Clem S.	Vancouver, B.C.	315	26- 7-20
Cameron, Donald	Coalspur	331	26- 7-20
Cotterill, John	Rosedale	346	26- 7-20
Crawford, George	Bellevue (duplicate)	365	26- 7-20
Candlish, W. S.	Brule	366	26- 7-20
Causey, Thomas	Taber	403	1- 8-21
Craig, James M. S.	Nordegg	413	1- 8-21
Clelland, William	Lethbridge	421	1- 8-21
Curry, John	Passburg	439	3-11-21
Chalmers, Robert	Edmonton	454	31- 7-22
Cowan, James	High River	459	31- 7-22
Congdon, Milton H.	Blairmore	476	1- 8-22
China, John	Nordegg	480	1- 8-22
Cardle, James	Bellevue	481	1- 8-22
Clarke, Richard	Hillcrest	500	1-11-22
Clelland, Thomas	Edmonton	574	24- 7-24
Crichton, Robert	Hillcrest	516	17- 8-23
Carty, Patrick	Evansburg	595	20- 7-25
Canet, Camille A.	Blairmore	601	25- 7-25
Crawford, Robert	Lethbridge	619	21-10-25
Chavignaud, Louis G.	Hinton	626	26- 7-26
Crawford, Charles	Edmonton	647	1- 8-27
Conlin, Richard	Drumheller	656	14- 8-27
Crawford, James	Clover Bar	662	10- 9-27
Cumberford, James	Drumheller	672	19- 7-28
Cartledge, George F.	Aerial	673	19- 7-28
Carmichael, Malcolm	Canmore	684	1- 8-28
Colbourne, J. H.	Drumheller	710	1- 5-29
Currie, Robert	Canmore	715	7- 6-29
Christie, Joseph	Bellevue	731	17- 6-29
Clack, Robert W.	Drumheller	740	17- 6-29
Castella, Jens	Standard	743	5- 7-29
Clancy, James	Craigmyle	28	3- 8-31
Chisholm, John A.	Luscar	37	22- 8-31
Clyne, James M. Jr.	Edmonton	45	26- 8-31
Challenger, Edward J.	Magrath	86	24- 8-32
Cowan, Robert	Drumheller	92	22-10-32
Campbell James	Cluny	107	15- 6-33
Crozier, John E.	Drumheller	128	26- 8-33
Comin, Silvio	Bellevue	148	5- 6-34
Calderbank, J. S.	Scapa	155	12- 6-34
Chamberlain, William H.	Coleman	162	19- 6-34
Craig, Andrew	Coalhurst	169	26- 7-34
Courtorelle, Alan F.	Drumheller	171	13- 8-34
Chiswick, James	Gadsby	175	27- 8-34
Clozza, Angelo	Newcastle	193	10- 6-35
Chemotti, Giuseppe	Lethbridge	239	25- 8-36
Chapman, John W.	Mountain Park	245	31- 5-37
Crawford, Hugh	Lethbridge	266	13- 7-37
Camarta, John	Bittern Lake	287	8- 6-38



## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Cumberford, Granger	Drumheller	289	8- 6-38
Campbell, Harry B.	Forestburg	303	22- 6-38
Colonel, Daniel	Edberg	318	14- 7-38
Crawford, John S.	Alix	333	7- 9-38
Curry, John	Hillcrest	368	22- 6-39
Cherrille, Orlando	Edmonton	371	22- 6-39
Campkin, Robert	Lousana	384	20- 7-39
Cooke, Chas. R.	Willow Creek	395	10- 9-39
Craig, Robert T. S.	Nordegg	4	3- 8-40
Chalmers, Robert	Edmonton	15	26-11-40
Chesney, Samuel	Cadomin	43	17- 7-42
Celli, Jerry J.	Coleman	46	18- 7-42
*Davies, W. J.	Edmonton	16	25-11-03
*Downs, T.	Canmore	24	25-11-03
Duggan, R. G.	Taber	27	26- 4-04
Davies, T.	Frank	49	18- 4-05
Downs, T.	Canmore (duplicate)	6	6-10-06
Dickson, S.	Commerce	18	3- 1-07
Devonshire, G.	Canmore	31	23- 5-07
Duggan, E. J.	Taber	41	18- 1-08
Davies, T. O.	Calgary	109	2- 6-10
Davidson, David	Coleman	170	17-11-11
Doodson, Robert	Coal Creek, B.C.	177	17-11-11
Duthie, Alexander F.	Pocahontas	184	28-11-11
*Digman, John H.	Royal View	198	13- 7-12
Duncan Ninian S.	Dodds	211	31-10-12
Draper, Robert	Hillcrest	214	1-11-12
Dennis, Frederick W.	England	3	28-11-13
D'Altroy, Arthur C.	British Columbia	6	1-12-13
Devoy, William	Hardieville	9	6- 3-14
Dean, William	Bankhead	20	20- 3-14
Duggan, John	Wayne	97	12-10-15
Douglas, D. B.	Edmonton	129	26- 7-16
Davis, William	Mountain Park	192	7-11-17
Dunnigan, Edward	Evansburg	216	1- 6-18
Davies, J.	Drumheller	222	8- 6-18
Dawes, Edmund	Coleman	265	26- 6-19
Dupen, Thomas	Edmonton	275	26- 6-19
Dunlop, Hugh	Coleman	321	26- 7-20
Dunn, W. P.	Edmonton	347	26- 7-20
Dryburgh, W. W.	Nordegg	356	26- 7-20
Dieter, Walter J.	Sheerness	397	1- 8-21
Davey, George	Wayne	418	1- 8-21
Dunn, Samuel	Taber	441	15-12-21
Deere, Gladstone E.	Blackstone	449	21- 7-22
D'Amico, George	Nordegg	486	1- 8-22
Davies, John C. H.	Coalmont, B.C.	492	1- 9-22
Dudley, John T.	Hillcrest	493	1- 9-22
Davidson, Albert M.	Dodds	517	17- 8-23
Desson, Horace E.	Rosedale	526	17- 8-23
Driscoll, L.	Evansburg	560	24- 7-24
Dawson, Glen	Brule	573	24- 7-24
Dunbar, Edgar J.	Canmore	575	1- 8-24
Dunn, Charles F.	Drumheller	604	25- 7-25
Dupen, Albert E.	Lethbridge	616	14- 8-25
Davis, Fred M.	Jeffrey	619	28- 9-25
Dutton, Joseph A.	Mountain Park	623	26- 7-26
Donnachie, John	Brule	630	26- 7-26
Dixon, John O.	High River	698	16- 8-28
Davis, D. B.	Midlandvale	730	10- 6-29
Davies, James	East Coulee	784	10- 6-30
Dutka, Joseph	Canmore	794	3- 7-30
Dalziel, William	Clover Bar	14	26- 7-31
Davies, W. E.	Hillcrest	16	26- 7-31
Denholm, James	Mercoal	17	26- 7-31
Davidson, Robert M.	Coleman	33	26- 7-31
Davies, Richard	Luscar	42	26- 7-31
Dinsdale, Wm.	East Coulee	61	2- 6-32
Donaldson, Thomas	Shaughnessy	64	25- 6-32
Davies, E. M.	Wayne	95	25- 5-33
Davies, G. C.	Lundbreck	114	3- 7-33
Dutton, Alfred	Mountain Park	121	29- 7-33
Dixon, W. B.	High River	179	10- 9-34
Droppo, Wm.	Midlandvale	208	26- 7-35
Douglas, Peter S. Jr.	Cadomin	233	22- 6-36
Dunbar, Robert	Hinton Trail	272	16- 8-37
Duquesne, George G.	Champion	30*	22- 6-38
Dunn, Robert A.	Willow Creek	322	8- 8-38
Davies, Ernest	Big Prairie	326	26- 8-38
Dolanz, Iggle	Three Hills	361	22- 6-39
Dobson, Roy C.	Lethbridge	2	3- 8-40

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Damico, Zupito	Nordegg	8	3-8-40
Duncan, David R.	Alexo	24	15-7-41
*Eccleston, W.	Michel, B.C.	20	3-1-07
Evans, H.	Taber	94	3-1-07
Evans, D.	Frank	83	3-9-09
Evans, Hugh	Lethbridge	156	12-7-11
Embree, Merton B.	Evansburg	239	31-7-13
Evans, Nathaniel	Passburg	54	27-11-14
Evans, Llewellyn	Coleman	152	7-7-17
Excoffon, Eugene	Bellevue	155	7-7-17
*Eno, John W.	Drumheller	223	8-6-18
Eccleston, Richard	Bellevue	243	26-6-19
Evans, Thomas O.	R.R. 2, Millet	244	26-6-19
Evans, Gwilym	Blairmore	308	26-7-20
Evans, Charles	Hillcrest	327	26-7-20
Eccleston, J. W.	Mountain Park	330	26-7-20
Evans, William	Drumheller	360	26-7-20
Evans, Thos. L.	Calgary	367	1-11-20
Evans, James D.	Drumheller	383	1-8-21
Entwistle, Albert V.	Kipp	471	31-7-22
Eccleston, Thomas	Mountain Park	475	31-7-22
Eckert, William	Sedalia	539	17-8-23
Elkes, F. W.	Newcastle	724	7-6-29
Evans, H.	Mountain Park	750	5-9-29
Edwards, John	Cadomin	32	26-7-31
Evans, David E.	Luscar	46	26-7-31
Ewing, Fred	Donalda	97	10-6-33
Edwards, O. E.	Cadomin	115	3-7-33
Evans, I. L.	Blairmore	196	18-6-35
Emblau, Archie A.	Mountain Park	268	13-7-37
Elliott, James	Drumheller	277	26-10-37
Evans, Evan	Taber	362	22-6-39
Eskeland, Arthur	Champion	21	12-7-41
Emmerson, Charles A.	Bellevue	5	3-8-40
Fairhurst, H.	Lethbridge	39	23-12-04
Ferguson, C. J.	Edmonton	4	20-12-05
Fraser, J.	Coleman	8	3-1-07
Fox, A.	Carbon	55	8-1-09
Fowers, C. W.	Canmore	50	29-5-08
Fiske, G. E.	Edmonton	88	27-11-09
Fisher, Samuel	Passburg	169	17-11-11
Ford, Allen	Burmis	183	28-11-11
Foster, William	Robb	31	28-4-14
Ferguson, John	Commerce	34	23-5-14
Fyfe, Walter H.	Nelson, B.C.	79	19-8-15
Fishwick, Thomas	Stettler	98	12-10-15
Foster, James	Lethbridge	174	17-7-17
Fisher, William J.	Bellevue	186	17-7-17
Fisher, James	Bellevue	194	3-4-18
Fisher, Ernest	Bellevue	256	26-6-19
Fraser, Alec	Carmanagay	274	26-6-19
Fraser, James	Carbon (duplicate)	286	25-8-19
France, Harry	Calgary	288	8-10-19
Flynn, Thomas E.	Coleman	306	26-7-20
Ford, George C.	Drumheller	310	26-7-20
Fudge, George H.	Foothills	311	26-7-20
Fisher, Harry	Hillcrest	338	26-7-20
Fourneau, Jean F.	Bellevue	396	1-8-21
Ferryman, Henry	Corbin, B.C.	447	16-6-22
Foster, Richard	Edmonton	502	29-12-22
Fleming, Nelson	Coleman	550	1-11-22
Fulton, James	Champion	652	12-8-27
Fry, N.	Donalda	752	5-9-29
Fox, A. A.	Canmore	808	29-10-30
Finkbiner, Henry	Scapa	30	26-7-31
Foster, Cyril E.	Rocky Mountain House	60	2-6-32
Fridel, Stephen	Barrhead	63	25-6-32
Foye, Edward B.	Delia	93	1-11-32
Forshaw, Richard	East Coulee	138	26-1-34
Fisher, Samuel	Drumheller	139	26-1-34
Fawcett, Elmer S.	Cardiff	150	9-6-34
Farmer, James	Drumheller	176	27-8-34
Farmer, Eli	Drumheller	189	10-6-35
Fisher, John M.	Chin	190	10-6-35
Fregren, Eric	Mercoal	280	11-2-38
Fox, Benjamin	Carbon	297	11-6-38
Folden, Irvine A.	East Coulee	323	9-8-38
Fox, Alfred Jr.	Carbon	334	19-9-38
Fraser, Wm. B. Jr.	Coleman	350	8-6-39
Farnworth, George	Nordegg	30	25-7-41
Fraser, James B.	Coleman	32	25-7-41

## List of Names of Holders of Thrd Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Giffen, H. R.	Coalfields	19	26- 4-04
*Gates, H.	Coleman	26	26- 4-04
Griffiths, E. H.	Canmore	33	5-12-04
Gatiss, R.	Long Coulee	85	25-11-09
Gladwin, J.	Edmonton	97	20-12-09
Griffiths, T. J.	Lille	77	18- 6-09
Gillespie, John M.	Coleman	111	2-6 -10
Gilliland, William	Cardlff	123	8-11-10
Gwilliam, David J. M.	Namao	130	22-12-10
Gregory, John B.	Passburg	128	17-12-10
Garrett, John	Lille	147	4- 7-11
Griffiths, John T.	Lille	168	17-11-11
Garbett, Richard	Michel, B.C.	180	23-11-11
Gorton, James	Hillcrest	203	22- 7-12
Green, Henry V.	Halkirk	1	1-11-13
Grant, Robert H.	Three Hills	2	23-10-13
Grant, Robert	Lethbridge	10	10- 3-14
Goldie, William	Lethbridge	24	1- 4-14
Graham, Robert	Clover Bar	50	27-11-14
*Gilday, Michael E.	Drumheller	63	11-12-14
Gillespie, John C.	Drumheller	132	3- 8-16
Greenhalgh, Richard M.	Coleman	154	7- 7-17
Givens, John	Drumheller	158	10- 7-17
Goodrick, William L.	Commerce	168	17- 7-17
Goodwin, Andrew	Bellevue	187	13- 8-17
Gammie, John S.	Drumheller	226	8- 6-18
Grant, Donald A.	Hillcrest	242	26- 6-19
Gordon, Thomas	Drumheller	248	26- 6-19
Green, Henry V.	Halkirk (duplicate)	291	15-11-19
Goodwin, G. W.	Bellevue	320	26- 7-20
Gidman, J. H.	Taber	348	26- 7-20
Gibson, Henry	Edmonton	349	26- 7-20
Gilmour, Pete	Bragg Creek	363	26- 7-20
Gibson, William	Edmonton	370	26- 7-20
Goodwin, Watts	Bellevue	408	1- 8-21
Galbraith, A. G.	Coalhurst	460	31- 7-22
Gregory, William W.	Mountain Park	496	6- 9-22
Gavelin, Fred	Blairmore	519	17- 8-23
Gibson, Joseph C.	Cardston	587	24- 1-25
Gilmour, John	Cadomin	605	25- 7-25
Gordon, David L.	Drumheller	636	6- 8-26
Gibson, Thomas P.	Midlandvale	663	16- 9-27
Gallagher, John	Rosedale Station	760	4- 6-30
Goodwin, William	Bellevue	766	4- 6-30
Green, William	Luscar	775	10- 6-30
Guisto, G.	Beazer	6	13- 7-31
Gotheridge, W. V.	Round Hill	26	26- 7-31
Goodwin, Albert E.	Bellevue	43	26- 7-31
Gibson, James	Willow Creek	75	25- 6-32
Guiney, C. John	Rosebud	79	25- 6-32
Galenza, P. L.	Leduc	113	3- 7-33
Gardner, H. H.	Coleman	135	31-10-33
Grenda, Stanley	Turin	198	28- 6-35
*Graver, G.	East Coulee	201	4- 7-35
Garner, E. Denison	Canmore	222	3- 6-36
Gibney, Frank	Grande Prairie	260	23- 6-37
Greig, Norman	Dinant	293	10- 6-38
Grant, Alexander	Hillcrest	298	13- 6-38
Groombridge, Thos.	Edberg	312	4- 7-38
Green, Walter	East Coulee	328	29- 8-38
Green, Wm. J.	Dinant	343	13- 2-39
Gill, Peter	Thorsby	352	8- 6-39
Griffiths, Ed.	Foothills	367	22- 6-39
Gotheridge, C. F.	Round Hill	370	22- 6-39
Grubisch, Walter	Hinton	375	4- 7-39
George, Pete	Three Hills	386	25- 7-39
Gladwin, Lewis C.	Carstairs	19	11- 7-41
Goods, Peter	Drumheller	39	17- 7-42
Holmes, G. E.	Fernle, B.C.	15	1- 9-03
Hood, Andrew	Frank	20	21- 6-03
Harrison, Thomas	Cadomin	29	11- 7-04
Haines, Thomas	Coleman	37	23-12-04
Harvie, Robert	Lethbridge	40	23-12-04
Hallworth, Albert	Bellevue	52	12- 6-08
Hayes, Robert	Blairmore	60	22- 1-09
Henderson, W.	Calgary	61	26- 1-09
Harvie, John	Taber	68	1- 2-09
Higgins, Alfred	Bankhead	25	15- 5-07
Hannen, James	Canmore	1	30- 5-06
*Holden, James	Bankhead	13	3- 1-07
Hadfield, John	Coleman (Duplicate)	21	4- 4-07

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Humble, Stephen T.	Bellevue	29	23- 5-07
Hamilton, Charles	Edmonton	36	10- 1-08
Hilling, James	Coleman	43	23- 1-08
Hutton, Isaac	Bellevue	99	27-12-09
Hartley, William	Bankhead	110	2- 6-10
Hill, James	Canmore	114	3- 6-10
*Hulme, Chas.	Hillcrest	124	17-12-10
Henderson, James	Reid Hill	134	30-12-10
Hutton, John	Edmonton	135	30-12-10
Henderson, Samuel	Reid Hill	136	30-12-10
Halliday, George	Champion	155	8- 7-11
Hughes, William R.	Barnwell	181	23-11-11
Hutton, George	Bellevue	186	2-12-11
Hutchinson, Peter	Ardley	202	22- 7-12
Heap, Robert	Lundbreck	206	10- 8-12
Hunter, Alexander B.	Drumheller	207	10- 8-12
Harries, Henry C.	Coleman	209	26-10-12
Hutton, David T.	Bellevue	241	31- 7-13
Halliday, George W.	Nanaimo, B.C. (Duplicate)	248	31- 7-13
Heathcote, Joseph	Edmonton	32	28- 4-14
Harrison, William	Cassidy, B.C.	41	27- 8-14
Hynd, William	Elcan	52	27-11-14
Hutton, Hugh	Bellevue	60	5-12-14
Hargreaves, George	Lethbridge	65	11-12-14
Hopkins, William	Coleman	93	1- 9-15
Huddart, Matthew	Bellevue	102	18-11-15
Hamilton, John	Lethbridge	120	10- 7-16
Howells, John	Elcan	126	19- 7-16
Hyde, Isaac	Cadomin	134	15- 9-16
Holmes, Robert	Coleman	141	11-11-16
Hunter John T.	Garden Plain	148	7- 7-17
Holland, Thomas	Lethbridge	161	10- 7-17
Hastings, Andrew P.	Champion	176	10- 7-17
Higgins, John	Bellevue	201	18- 4-18
Hodgkinson, John A.	Mountain Park	205	1- 6-18
Hudyma, John	Pocahontas	207	1- 6-18
Head, James	Taber	209	1- 6-18
Hooks, John W.	Drumheller	210	1- 6-18
Hedges, Richard	Beverly	239	29- 8-18
Higney, John	Coalhurst	245	26- 6-19
*Hillary, John	Rosedale	258	26- 6-19
Hopkins, John T.	Coleman	259	26- 6-19
Hunter, James	Lethbridge	276	26- 6-19
Huff, L. E.	Lethbridge	325	26- 7-20
Hutchison, J. J.	Lovett	332	26- 7-20
Hawkins, E. L.	Nordegg	339	26- 7-20
Hillary, Joseph	Drumheller	391	1- 8-21
Hamilton, Thomas M.	Blairmore	393	1- 8-21
Hutchinson, George E.	Nordegg	404	1- 8-21
Hall, James	Brookdale	402	1- 8-21
Hetherington, R. Jr.	Wayne	420	1- 8-21
Hogg, Charles M.	Lethbridge	424	1- 8-21
Hamilton, Joseph J.	Lethbridge	434	29- 2-21
Hall, Ernest	Wayne	438	10-10-21
Horner, Charles	Edmonton	440	16-12-21
Hopkins, William H.	Drumheller	451	31- 7-22
Hooten, Robert	Edmonton	505	15- 2-23
Hughes, Harry	Natal, B.C.	506	9- 3-23
Harris, Rupert S.	Edmonton	513	17- 8-23
Hawkins, Harold	Drumheller	541	1- 9-23
Hulme, James	Carbon	564	26- 2-24
Hart, Daniel	Wayne	566	26- 6-24
Hadfield, W. A.	Coleman	567	16- 7-24
Harries, John	Wayne	568	16- 7-24
Hughes, Angus	Coleman	572	24- 7-24
Horne, James	Cadomin	576	1- 8-24
Holliday, William	Drumheller	596	20- 7-25
Hagblad, Theodore	Lethbridge	602	25- 7-25
Hetherington, Joseph W.	Carbon	609	25- 7-25
Hronek, Ben	Halkirk	614	1- 8-25
Hibbert, William T.	Dinant	622	11- 5-26
Hansen, Knud	Aerial	644	1- 8-27
Henderson, Andrew	Wayne	655	14- 8-27
Hamilton, John M.	Hanna	657	14- 8-27
Hillary, Michael	Midlandvale	665	26-10-27
*Horne, Thos. Jr.	Luscar	687	1- 8-28
Hart, James J.	Coleman	692	16- 8-28
Hall, Robert	Canmore	703	24-11-28
*Hadwell, A. J.	Bellevue	717	7- 6-29
Halbert, David	Trochu	723	7- 6-29
Hillary, H.	Bellevue	736	17- 6-29
Hulbert, H. A.	Coleman	747	23- 7-29

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Hutton, Walter C.	Coalhurst	756	18- 2-30
Hopkins, Arthur J.	Foothills	761	4- 6-30
Heyworth, E. S.	Beverly	763	4- 6-30
Hunter, Thomas	Edmonton	805	22-10-30
Hooks, Albert	Drumheller	807	29-10-30
Harrop, Wm.	Robb	2	20- 1-31
Hogg, John	Foothills	22	13- 7-31
Hadwell, Thomas C.	Blairmore	27	26- 7-31
Howells, Edward W.	Mercoal	52	6- 1-32
Halbert, Robert	Trochu	71	25- 6-32
Hook, Alfred J.	Halkirk	78	25- 7-32
Holton, Joseph	Magrath	140	5- 4-34
Hill, Ernest	Coleman	144	5- 6-34
Halbert, Benjamin G.	Trochu	151	9- 6-34
Hanson, Andrew	Three Hills	187	10- 6-35
Halbert, Robert A.	Trochu	217	23- 9-35
Hilbert, Waddington	Mercoal	240	13-10-36
Holliday, Thomas	Drumheller	247	1- 6-37
Hanna, Thomas	Mercoal	269	21- 7-37
Horz, E. Louis C. J.	Evansburg	308	22- 6-38
Hamilton, Duncan C.	Drumheller	320	28- 7-38
Henry, Wm. B.	Newcastle	339	9-11-38
Hetherington, W. B.	Calgary	340	9-11-38
Honeyman, Maurice R.	Robb	369	22- 6-39
Heidel, Herbert G.	Priddis	401	12-10-39
Horkulak, Andrew	Thorsby	25	15- 7-41
Howells, David T.	Lethbridge	27	15- 7-41
Hibbert, George	Three Hills	28	15- 7-41
Harris, Edward V.	Rosedale	52	29- 7-42
Ironmonger, John	Hillcrest	145	3- 7-11
Instone, Henry	Hillcrest	197	3- 4-18
Ironmonger, William	Hillcrest	487	1- 8-22
Ivan, Mike	East Coulee	199	28- 6-35
Inverarity, William	Rosebud	382	4- 7-39
Jones, Evan	Coalfields	12	26- 4-04
James, Joseph	Frank	25	26- 4-04
Jones, Samuel A.	Nanaimo, B.C.	17	26- 4-04
Jones, Erskine	Coalfields	47	18- 4-05
James, Henry	British Columbia	53	14- 7-08
Jones, David	Edmonton	69	1- 2-09
Jones, Jack	Cardiff	127	17-12-10
Jones, Peter	Lethbridge	195	13- 7-12
Jordan, William	East Coulee	220	20-11-12
Joyce, Michael	Blairmore	224	25-11-12
*James, William	Pocahontas	234	31- 7-13
Jackson, John	Bellevue	246	31- 7-13
James, John	Cadomin	28	21- 4-14
Jones, David	Commerce	55	27-11-14
Johnson, Albert	Coleman	88	26- 8-15
Jones, Daniel H.	Lovett	99	10-12-15
Jones, Evan J.	Calgary	144	3- 7-17
Jinks, William E.	England	180	25- 7-17
Jones, John H.	Taber	214	1- 6-18
James, Isaac A.	Coleman	252	26- 6-19
Jones, Richard	Nordeg	289	8-10-19
Johnstone, Alexander	Clover Bar	329	26- 7-20
James, Thomas	Saunders	340	26- 7-20
Jones, Griffith	Willow Creek	375	17- 6-21
Jordon, Benjamin	Calgary	463	31- 7-22
Jones, Edward B.	Hillcrest	469	31- 7-22
Jones, Daniel	Edmonton	474	31- 7-22
Jones, Richard M.	Wayne	491	1- 9-22
Jackson, Thomas	Coleman	495	1- 9-22
Jones, Arthur	Coleman	547	15- 8-23
Johnson, Chris	Carbon	561	28-12-23
Jones, David I.	Wayne	578	11- 8-24
*Jones, I.	Edmonton	589	3- 3-25
Jones, Elias	Coleman	680	1- 8-28
Johnson, Thomas	Drumheller	698	16- 8-28
Jubb, J. W.	Drumheller	708	1- 5-29
Jones, Jenkin	Luscar	771	4- 6-30
James, Isaiah	Rumsey	801	18-10-30
Johnson, Moses F.	Alix	804	18-10-30
James, Albert J.	Forestburg	25	26- 7-31
Jones, Douglas W.	Pincher Creek	49	27- 9-31
Johnson, Alexander J.	Ardley	68	25- 6-32
Jones, Wm. J.	Rosalind	74	25- 6-32
Jones, W. J.	Newcastle	100	10- 6-33
Jones, E. W.	Drumheller	127	22- 8-33
Jones, David	Wayne	133	25- 9-33
James, Hiram	Heisler	158	16- 6-34

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
James, Alfred	Drumheller	182	12-10-34
Johnson, Martin R.	Rumsey	234	22-6-36
Jones, Wyndham	Coleman	246	1-6-37
James, Joseph	Cadomin	248	3-6-37
Jones, J. R. B.	Hinton	301	22-6-38
James, John C.	Mountain Park	7	3-8-40
James, William	Mountain Park	14	6-11-40
Jackson, Harold W.	Forestburg	51	26-7-42
Kerr, W. R.	Coleman	89	29-11-09
*Kirkeberg, Henry S.	Michel, B.C.	87	27-11-09
Kerr, Robert T.	Passburg	75	17-6-09
Kerr, Robert	Lundbreck	76	17-6-09
Kaye, Herschal	Maycroft	191	4-1-12
Kemp, David	Beaver Mines	201	22-7-12
Keynon, William	Mountain Park	44	28-9-14
Knox, Joseph	Hardieville	119	10-7-16
Kelly, Patrick	Edmonton	147	7-7-17
Kerrison, Thomas W.	Magrath	163	10-7-17
Koentges, John	Blairmore	182	25-7-17
Kyle, Daniel C.	Hillcrest	185	25-7-17
Klejko, Stephen	Coleman	213	1-6-18
King, John J. J.	Nordegg	221	8-6-18
Kirkham, Thomas	Sheerness	284	26-6-19
Kehl, Isodore	Big Valley	359	26-7-20
Krause, Herman F.	Lethbridge	407	1-8-21
Kay, Arthur	Coleman	501	1-11-22
Klatt, Rudolph E.	Evansburg	544	1-9-23
Knudson, Arthur	Canmore	586	4-12-24
Kendrick, Samuel O.	Edmonton	597	20-7-25
Kennedy, William	Mountain Park	606	25-7-25
Kergan, Robert G.	Lethbridge	610	25-7-25
Krupper, A.	Drumheller	711	7-6-29
King, Joseph	Coalhurst	726	7-6-29
Kay, Walter S.	Drumheller	754	12-11-29
Kerr, Robert G.	Blairmore	764	4-6-30
Koentges, Joseph	Bellevue	770	4-6-30
Kowal, Alex.	Canmore	790	14-6-30
Kennedy, Joseph	Willow Creek	799	10-9-30
Kiernan, Patrick	Robb	3	20-2-31
Kay, William	Drumheller	53	26-2-32
Kirkeby, B. A.	Craigmyle	101	10-6-33
Keough, Frank J.	Drumheller	134	30-9-33
Kurp, Benjamin C.	Alix	143	5-6-34
Kurp, Thomas J.	Delburne	172	13-8-34
Krossa, O.	Shaughnessy	181	9-10-34
Keith, Albert	East Coulee	250	11-6-37
Keith, Roy	Willow Creek	254	11-6-37
Knight, William	Carbondale	261	23-6-37
Kane, Frank	Hinton	344	3-4-39
Koshman, Alexander T.	Shaughnessy	372	22-6-39
Kozmenluk, Steve	East Coulee	378	4-7-39
Kryskow, Michael	Carbondale	20	12-7-41
Kubin, John J.	Coleman	42	17-7-42
Livingstone, Robert	Lethbridge	7	21-11-98
*Livingstone, Jas. C.	Lethbridge	18	26-4-04
Learmonth, A. J.	Redcliff	42	23-1-08
Love, William	Edmonton	86	27-11-09
Lamont, David	Cadomin	98	24-12-09
Letcher, John J.	Hillcrest	149	4-7-11
Leblanc, Emile	Wayne	153	8-7-11
Littler, Robert	Michel, B.C.	166	17-11-11
Loxton, George	Fernie, B.C.	176	17-11-11
Littler, John	Michel, B.C.	190	30-12-11
Littler, Matthew	Michel, B.C.	226	7-12-12
Laight, Jonas	Medicine Hat	233	3-5-13
*Ludbrook, Ellis E.	Bickerdike	237	31-7-13
Lynch, Stewart	Canmore	26	15-4-14
Loxton, John	Fernie, B.C.	51	27-11-14
Letcher, Joseph H.	Lovett	100	12-10-15
Lamond, David	Evansburg	109	10-7-16
Loftus, Edward	Drumheller	111	10-7-16
Lewis, Thomas	Hardieville	131	26-7-16
Longworth, Thomas	Calgary	146	5-7-17
Logan, John T.	Drumheller	190	6-9-17
*Lote, Francis	Hillcrest	195	3-4-18
Lohmaier, Peter	Sheerness	238	15-7-18
Lee, Walter J.	Nordegg	269	26-6-19
Lindsay, John	Coalhurst	272	26-6-19
Lindsay, James	Coalhurst	273	26-6-19
Lawrence, John	Drumheller	294	1-12-19
Lewis, Hanbury	Calgary	364	1-11-20

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List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Leonard, Philip	Nordegg	479	1- 8-22
Lytkowski, William P.	Canmore	503	30-12-22
Lecuyer, Glenn	Midlandvale	562	31-12-23
Lewis, John W.	Mountain Park	580	25- 9-24
Lavis, George	East Coulee	585	14-11-24
Longworth, John	Bellevue	634	30- 7-26
Lowry, William J.	Drumheller	641	22- 9-26
Leitch, Thomas	Drumheller	660	1- 9-27
Lazzarotto, Peter	Picture Butte	682	1- 8-28
Lammie, Robert	Beverly	694	16- 8-28
Lehmann, Max	Wayne	742	5- 7-29
Lund, Fred	Blairmore	767	4- 6-30
Laing, W. R.	Cadomin	774	10- 6-30
Letcher, R. C.	Hillcrest	795	12- 7-30
Leivers, Albert	Wayne	12	13- 7-31
Low, James A.	Coleman	147	5- 6-34
Loten, Henry V.	Newcastle	186	20- 2-35
Lonsbury, W. P.	Coleman	191	10- 6-35
Lloyd, James H.	Blairmore	192	10- 6-35
Lewis, Fred	Mountain Park	227	22- 6-36
Lister, Arthur L.	Cadomin	232	22- 6-36
Lynass, John	Delburne	267	13- 7-37
Louhella, Sula A.	Canmore	295	10- 6-38
Lynass, James C.	Delburne	310	22- 6-38
Lesson, Steve	Bellevue	354	8- 6-39
Loula, William	Bellevue	374	22- 6-39
Luini, Louis	Hillcrest	376	4- 7-39
Leckie, Samuel	Rosedale Station	407	26- 1-40
Larson, Tony	Edberg	33	25- 7-41
Musgrove, William	Canmore	9	23- 8-00
Mattson, Matt.	Frank	34	5-12-04
*Morris, David	Edmonton	45	24- 2-08
Machin, J. C.	Strathcona	46	26- 2-08
Moore, Thomas E.	Drumheller	56	11- 1-09
Mather, Thomas	Luscar	96	8-12-09
Morgan, Owen	Saunders	143	3- 7-11
Munro, William K.	Lille	150	4- 7-11
Muir, David	Edmonton	151	8- 7-11
Miller, Walter	Edmonton	159	25- 8-11
Moore, James H.	Coleman	167	17-11-11
Massey, Harry	Michel, B.C.	172	17-11-11
Murray, John	Lille	174	17-11-11
Mason, Samuel	Taber	187	6-12-11
Morrison, Malcolm	Midlandvale	189	30-12-11
Melling, Peter	Coalhurst	208	26-10-12
Mackie, John	Hillcrest	221	25-11-12
Makin, John W.	Coleman	240	31- 7-13
Muir, Alexander	Hardieville	12	10- 3-14
Miller, Joseph	Stafford Village	14	10- 4-14
Muir, Robert	Bankhead	21	23- 3-14
Murray, David	Hillcrest	35	26- 5-14
Mather, John	Edmonton	45	26-10-14
Muir, James	Bankhead	57	5-12-14
Marsh, Ernest	Wayne	61	5-12-14
Morgan, William J.	Luscar	64	11-12-14
Martin, William H.	Brule	69	28- 1-15
Marsh, John H.	Lethbridge	75	20- 3-15
*Mallabone, Ernest	Canmore	105	7- 7-16
Miller, David L.	Taber	114	10- 7-16
Millar, Peter P.	Drumheller	127	26- 7-16
*Martin, Richard	Taber	135	25- 9-16
Maddison, Wm.	Mountain Park	136	25- 9-16
Mitchell, John	Evansburg	143	27- 2-17
Morgan, Robert M.	Coleman	160	10- 7-17
*Morse, A. T.	Morse	172	17- 7-17
Michayluck, John G.	Luscar	184	25- 7-17
Marsh, William	Drumheller	230	8- 6-18
Mathewson, James	Nevis	236	22- 6-18
Mossey, Thomas M.	Lethbridge	237	5- 7-18
Miller, James	Aerial	266	26- 6-19
Miller, John R.	Aerial	293	20-11-19
Monkton, William	Rosedale	322	26- 7-20
Miller, Joseph Jr.	Lethbridge	326	26- 7-20
Milnes, John	Bellevue	334	26- 7-20
Melling, Joseph	Coalhurst	335	26- 7-20
Maddison, John	Hillcrest	354	26- 7-20
Melvin, J. L.	Lethbridge	371	28-12-20
Meyers, August	Grande Prairie	406	1- 8-21
Minue, Graydon B.	Nordegg	410	1- 8-21
Mitchell, Archie	Luscar	412	1- 8-21
Metcalf, Joseph W.	Coalhurst	498	1-11-22

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Mossey, Robert	Frank	507	17- 5-23
Macri, D.	Cadomin	518	17- 8-23
Martin, David	Blairmore	527	17- 8-23
Miller, William	Drumheller	535	17- 8-23
Marsh, Walter	Kellog, Idaho	538	17- 8-23
*Martin, Henry Sr.	Saunders	549	15- 9-23
Mitchell, Hugh J.	Foothills	569	24- 7-24
Muir, Alexander	Coleman	593	20- 7-25
Mackie, James	Big Valley	608	25- 7-25
Millar, David	Mercoal	627	26- 7-26
Mackie, William	Drumheller	645	1- 8-27
Metcalfe, Joseph W.	Drumheller	666	16- 1-28
Musgrove, Henry B.	Canmore	674	19- 7-28
Muncy, Howard C.	Foreman	693	16- 8-28
Mayon, Daniel	Drumheller	707	20- 3-29
Millar, C. C.	Bellevue	714	7- 6-29
Morris, David	Bellevue	720	7- 6-29
Mossom, John	Drumheller	734	17- 6-29
Meek, Fred G.	Heisler	737	17- 6-29
Morris, Wm.	Edmonton	744	12- 7-29
Morris, Robert S.	Aerial	745	12- 7-29
Marsh, Wm. J.	Midlandvale	776	10- 6-30
May, John	Beverly	786	14- 6-30
Mathieson, David	Edmonton	789	14- 6-30
Muir, Thomas	Coalhurst	800	18-10-30
Morgan, Ernest	Blairmore	15	13- 7-31
Madsen, S.	Luscar	39	26- 7-31
Marsh, John	Coalhurst	51	6- 1-32
*Mitchell, Chas. G.	Pincher Creek	82	24- 8-32
Marsh, Walter	Coleman	84	24- 8-32
Mitchinson, Arthur	Donalda	88	23- 9-32
Molyneux, Thomas	Aerial	102	10- 6-33
Molzan, Henry	East Coulee	111	15- 6-33
Muir, James	Edmonton	137	28-12-33
Morse, William J.	Hanna	156	12- 6-34
Mitchell, William	Dimsdale	174	27- 8-34
Morel, Marcel	Ghost Pine Creek	180	25- 9-34
Menzies, Wm.	Drumheller	212	10- 8-35
Miller, Douglas	Edmonton	236	4- 7-36
Marshall, Robert	Leduc	255	11- 6-37
Marshall, Chas. H.	Leduc	256	11- 6-37
Mitchell, Thomas	Coleman	257	23- 6-37
Muir, George	Edmonton	265	13- 7-37
Marsh, Walter W.	Delburne	279	12-11-37
Mills, Jonathan J.	Rosalind	283	22- 4-38
Miskow, Michael J.	Canmore	284	7- 6-38
Morkwia, Victor Jr.	Canmore	285	7- 6-38
Morris, Robert L.	Coleman	294	10- 6-38
Murphy, Peter J. Jr.	Drumheller	325	15- 8-38
Moran, James Jr.	Edmonton	342	10-12-38
Melson, Philip	East Coulee	359	8- 6-39
Marconi, John	Coleman	363	22- 6-39
Marshall, Albert C.	Delia	365	22- 6-39
Mitchell, David	Luscar	380	4- 7-39
Martin, Bert W.	Alexo	385	25- 7-39
Madsen, Soren	Mountain Park	406	30-11-39
Mitchell, Robert A.	Luscar	10	4- 9-40
Mather, John H.	Namao	13	29-10-40
Mitchinson, Thomas	Donalda	18	11- 7-41
Marconi, Gordon	Coleman	22	12- 7-41
Marasco, Frank	Nordegg	23	15- 7-41
Morrison, Neil	Mercoal	26	15- 7-41
Merrington, Robert H.	Ryley	31	25- 7-41
Mullinger, William H.	Three Hills	35	20- 8-41
Martin, William H.	Rosevear	53	4-12-42
McKay, John J.	Lethbridge	5	19-11-98
McKinnon, H. G.	Canmore	36	5-12-04
McGregor, Alex.	Cardiff	41	16- 1-05
McCulloch, Alex.	Cadomin	43	18- 4-05
McDonald, J. A.	Blairmore	44	18- 4-05
McVey, William	Frank	39	10- 1-08
McLeary, Stewart	Lethbridge	58	12- 1-09
McMillan, William D.	Coleman	72	25- 2-09
McKinnon, A. J.	Canmore	62	29- 1-09
McLenhan, John A.	Lovett	51	8- 6-08
McGarry, Martin	Michel, B.C.	59	19- 1-09
McDonald, James A.	Lille	91	29-11-09
McMillan, Donald	Coleman	107	31- 5-10
McDonald, Duncan	Drumheller	112	2- 6-10
*McDonald, Hector	Coleman	115	3- 6-10



## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
McDonald, William C.	Lethbridge	122	16- 7-10
McDevitt, James J.	Cadomin	129	22-12-10
McGladrie, John	Lille	152	8- 7-11
McMullin, Joseph	Hillcrest	171	17-11-11
McGough, Joseph P.	Bellevue	219	18-11-12
McDonald, James, O. C.	Coleman	225	25-11-12
McDonald, Noble M.	Bellevue	5	28-11-13
McGowan, James K.	Lethbridge	13	10- 3-14
McLeod, John A.	Cadomin	74	8- 3-15
McLellan, John A.	Mercoal	77	8- 5-15
McIlveen, William	Lovettville	80	19- 8-15
McAndrew, Robert	Clover Bar	81	19- 8-15
McAndrew, John	Calgary	83	19- 8-15
McKean, George J.	Bellevue	121	10- 7-16
McLean, William	Mountain Park	122	10- 7-16
McQueen, Andrew	Edmonton	124	19- 7-16
McMillan, Daniel	Drumheller	149	7- 7-17
McDonald, John H.	Nanaimo, B.C.	164	10- 7-17
McKinnon, John L.	Coleman	189	4- 9-17
McAndrew, Robert	Clover Bar (duplicate)	196	3- 4-18
McDonald, George	Drumheller	212	1- 6-18
MacKay, William J. K.	Ontario	240	28- 1-19
McDicken, James	Coleman	251	26- 6-19
McFegan, Robert	Michel, B.C.	255	26- 6-19
MacPherson, John M.	Coalhurst	257	26- 6-19
McQueen, George	Nordeg	270	26- 6-19
McDade, John	Drumheller	290	8-11-19
McGowan, William	Lethbridge	317	26- 7-20
McKinnie, John	Drumheller	369	26- 7-20
McKenna, Harry	Pocahontas	376	17- 6-21
McAskill, Alexander	Drumheller	380	1- 8-21
McGaw, A. M. S.	Carmangay	398	1- 8-21
McGregor, Thomas B.	Lethbridge	417	1- 8-21
McNab, Murdock	Coalhurst	419	1- 8-21
McLeod, Gordon J.	Mountain Park	422	1- 8-21
McGladne, Andrew	Lethbridge	423	1- 8-21
MacDonald, William	Drumheller	431	29- 8-21
McCubrey, James	Drumheller	458	31- 7-22
McGuire, George	Dinant	466	31- 7-22
McGuire, James S.	Dinant	467	31- 7-22
MacLeod, Roderick	Coleman	470	31- 7-22
McEachern, Malcolm	Wayne	531	17- 8-23
McLennan, George A.	Drumheller	534	17- 8-23
MacNeil, James	Cadomin	537	17- 8-23
McLeod, Allan	Rosedale	543	1- 9-23
McLafferty, P.	Bellevue	551	1-11-23
McLeod, John R.	Bellevue	591	27- 5-25
McAllister, David	Mountain Park	613	1- 8-25
McKinnon, Alexander	Coleman	632	30- 7-26
McCulloch, Johnston	Coleman	642	30- 7-26
McDonald, Thomas	Rosedale	653	12- 8-27
McFegan, Alex.	Drumheller	661	10- 9-27
*McCormack, A. D.	Castor	675	19- 7-28
Macaulay, John C.	Coalhurst	678	19- 7-28
MacDonald, Clyde P.	Bellevue	685	1- 8-28
McDonald, James W.	Mountain Park	709	1- 5-29
MacDonald, Leslie	Bellevue	713	7- 6-29
MacLeod, Lloyd	Coalhurst	725	7- 6-29
McAllister-Thompson, D. S. B.	Rosedale	735	17- 6-29
McNab, Duncan	Lethbridge	739	17- 6-29
McAndrew, John Jr.	Blairmore	769	4- 6-30
McDonald, William	Bellevue	777	10- 6-30
McCutcheon, Jas. A.	Midlandvale	803	18-10-30
McMurdo, Thomas	East Coulee	18	13- 7-31
McLeod, Arthur	Drumheller	50	22-10-31
McGowan, John	Drumheller	57	2- 6-32
McKinley, James	Huxley	72	25- 6-32
McColl, Alexander	Lethbridge	109	15- 6-33
McMillan, William	Rosebud	168	26- 7-34
McKinlay, James	Perbeck (duplicate)	224	3- 6-36
McDonald, Wm. I.	Drumheller	235	22- 6-36
MacDonald, George G.	Beverly	242	14- 1-37
McGregor, Alexander	Lethbridge	271	26- 7-37
MacKenzie, John	East Coulee	299	13- 6-38
McMullen, Sidney G.	Drumheller	311	22- 6-38
McIntyre, Arnold J.	Mercoal	331	7- 9-38
McLaren, Fred	Dinant	341	14-11-38
McCulloch, Archibald	Coleman	349	8- 6-39
MacQuarrie, Hector	Drinnan	364	22- 6-39
McLaughlin, Michael	Luscar	403	30-10-39

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
McMillan, Alexander	Rosebud	34	28- 7-41
McNeil, Thomas	Mountain Park	36	4- 3-42
McDonald, Kenneth L.	Bellevue	40	17- 7-42
McIsaac, John D.	Burmis	45	17- 7-42
McLafferty, Daniel	Bellevue	50	26- 7-42
Nelson, Horatio	Lundbreck	11	3- 1-07
Nanson, Thomas H.	Bellevue	15	3- 1-07
*Nicol, James	Frank	34	26-12-07
Nicol, George	Nacmine	27	21- 4-14
Nugent, Bernard	Camrose	133	30- 8-16
North, Walter	Blairmore	204	18- 4-18
Nicholson, Peter	Cadomin	472	31- 7-22
Niskanen, Herman	Canmore	671	19- 7-28
Nisbet, George	Beverly	759	4- 6-30
Negrello, Mike	Coalhurst	7	13- 7-31
Naegeli, Otto	Midlandvale	54	26- 2-32
Novak, Mike	Milk River	56	4- 5-32
Norman, John	Beverly	136	31-10-33
Nielsen, Nils P.	Carbondale	223	3- 6-36
Nelson, John B. H.	Dinant	335	19- 9-38
Nelson, John	Rosedale Station	356	8- 6-39
Niblett, Ronald J.	Rosedale	41	17- 7-42
Oliphant, J. H.	Carbon	26	17- 5-07
Oliphant John	Medicine Hat	79	16- 7-09
O'Donnell, Thomas	Rosedale	139	17- 3-11
Ottewell, William J.	Clover Bar	245	31- 7-13
Oakes, Robert	Blairmore	104	16- 6-16
Oakley, John	Edmonton	115	10- 7-16
Oliver, E.	Magrath	342	26- 7-20
Owen, Thomas	Michel, B.C.	442	10- 3-22
Ostler, James	Taber	445	22- 5-22
Oldham, Albert	Luscar	579	11- 8-24
Oliver, Edward	Taber	584	14-11-24
Ottewell, Cedric P.	Clover Bar	620	25-11-25
O'Neill, Michael	Nordeg	748	9- 8-29
Ordge, John	Donalda	80	25- 7-32
Owens, John	Midlandvale	177	4- 9-34
Oswald, Joseph	Drumheller	178	10- 9-34
O'Brien, Anthony	Gadsby	244	10- 3-37
Oxbury, John	Beynon	327	26- 8-38
*Phillips, Chas.	Frank	14	30-12-02
Prentice, John	Virginia, U.S.A.	67	1- 2-09
Powell, Albert E.	Lundbreck	71	4- 2-09
Picton, William	Frank	78	8- 7-09
Pounder, George	Pincher Creek	84	22- 9-09
Parker, Levi	Cardiff	100	18- 1-10
Pickering, G.	Taber	104	25- 2-10
Parry, Thomas	Hillcrest	119	21- 6-10
Park, Stewart G.	Lethbridge	121	26- 6-10
Patterson, John	Hillcrest	126	17-12-10
Picton, Daniel	Aerial	178	23-11-11
Park, William	Lethbridge	194	13- 7-12
Parkes, John T.	Lethbridge	236	31- 7-13
Park, Alex. C.	Lethbridge	25	8- 4-14
Porteous, Alexander	Hillcrest	36	26- 5-14
Purdy, Stearns J.	Lundbreck	37	28- 5-14
Parker, Joseph	Drumheller	47	25-11-14
Puckett, Owen L.	Robb	53	27-11-14
*Pavier, Evan	Coleman	91	27- 8-15
Price, Alfred	Montana, U.S.A.	103	4- 1-16
Pitt, Arthur J.	Coleman	108	10- 7-16
Phillips, David	Commerce	110	10- 7-16
Price, John	Mountain Park	116	10- 7-16
Pratt, Philip	Lovettville	117	10- 7-16
Paterson, Patrick	Evansburg	139	3-10-16
Padgett, Albert	Bellevue	177	17- 7-17
Poole, Alexander	Drumheller	241	16- 5-19
Prescott, William	Hillcrest	249	26- 6-19
Painter, J. A.	Mountain Park	361	26- 7-20
Parkinson, Harry	Coleman	465	31- 7-22
Pearson, Francis	Hillcrest	468	31- 7-22
Phipps, Mathew J.	Mountain Park	494	1- 9-22
Price, John	Mountain Park	497	1-11-22
Patterson, William	Blairmore	515	17- 8-23
Parry, Robert	Coleman	546	15- 9-23
Poxon, Wilfred	Carbon	555	15-11-23
Peters, Frederick C.	Wayne	582	25- 9-24
Price, Richard	Hillcrest	590	21- 4-25
Pickard, Joseph	Edmonton	592	20- 7-25
Perry, James E.	Beynon	612	25- 7-25

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Powell, John E.	Newcastle Mine P.O.	700	22- 8-28
Piper, John J.	Canmore	716	7- 6-29
Paton, George	Delburne	727	7- 6-29
Phillips, W. J.	Saunders	733	17- 6-29
Page, Joseph	Drumheller	741	19- 6-29
Peters, Wm. E.	Blairmore	762	4- 6-30
Park, Angus	Edmonton	773	4- 6-30
Patterson, S. E.	Blairmore	778	10- 6-30
Pascoe, Thomas	Mountain Park	796	14- 7-30
Potter, Harry	Drumheller	797	8- 8-30
Price, Stanley R.	Blairmore	9	13- 7-31
Pettigrew, Robert	Coleman	20	13- 7-31
Phillips, W. T.	Castor	99	10- 6-33
Popovich, Mike	Champion	112	3- 7-33
Pike, Sidney G.	Drumheller	119	24- 7-33
Phillips, Alfred J.	Coleman	146	5- 6-34
Poholka, Steve	Edmonton	149	9- 6-34
Perini, John	Lethbridge	153	9- 6-34
Parker, Jack	Cardiff	165	27- 6-34
Potter, I. N.	Nacmine	167	26- 7-34
Perini, Angelo	Granlea	194	10- 6-35
Price, Wm. T.	Edmonton	195	14- 6-35
Peta, Julius	Hardieville	225	4- 6-36
Purdy, Denzil	Lundbreck	237	4- 7-36
Passoli, E. L.	Vulcan	314	4- 7-38
Parry, Joseph	Mercoal	316	8- 7-38
Parobchak, F.	Carbondale	353	8- 6-39
Plesuk, William	Beverly	357	8- 6-39
Price, John C.	Coleman	377	4- 7-39
Quigley, Daniel H.	Drumheller	157	14- 7-11
Queen, Andrew M.	Lethbridge	228	26-12-12
Quin, James	East Coulee	66	25- 6-32
Rice, Awrey	Edmonton	48	18- 4-05
Rawson, Thomas S.	Frank	1	20-12-05
Rose, Walter	Lundbreck	54	25- 8-08
Roberts, William	Strathcona	95	3-12-09
Robinson, John H.	Hillcrest	106	31- 5-10
Rowbotham, William H.	British Columbia	116	6- 6-10
Roberts, E.	Rosedale	118	20- 6-10
Richardson, Alfred	Lethbridge	125	17-12-10
Richards, George	Coleman	137	31-12-10
Roberts, John	Cadomin	140	6- 4-11
Reid, James	Canmore	158	24- 7-11
Richards, Evan	Edmonton	162	17-11-11
Richards, Samuel	Bellevue	175	17-11-11
Rawlinson, Rowland	Cadomin	182	28-11-11
Rayner, Frederick	Frank	188	8-12-11
Radford, James	Bellevue	200	22- 7-12
Rae, John	Coleman	242	31- 7-13
Rankin, William	Hosmer, B.C.	4	28-11-13
Rebar, Mike	Hardieville	19	18- 3-14
Rees, Daniel	Bellevue	56	27-11-14
Russell, Arthur	Standard	59	5-12-14
Russell, John	Ardley	67	20- 1-15
Rees, Gomer	Beverly	96	12-10-15
Robinson, Edward	Chilliwack, B.C.	101	28-10-15
Roberts, David O.	Cardiff	106	7- 7-16
Robert, David C.	Coleman	113	10- 7-16
Randall, David	Coleman	191	10-10-17
Reid, Edward	Drumheller	206	1- 6-18
Redpath, James	Wayne	208	1- 6-18
Reid, Samuel	Brule	211	1- 6-18
*Richards, Edward	Drumheller	271	26- 6-19
Rollingson, John	Lethbridge	280	26- 6-19
Ruscoe, Richard	Halkirk	282	26- 6-19
Roberts, Evan	Wayne	318	26- 7-20
Royle, Edward	Blairmore	323	26- 7-20
Robertson, W. H.	Coalhurst	333	26- 7-20
Rappel, Thomas	Canmore	337	26- 7-20
Rappel, A. J.	Calgary	355	26- 7-20
Richards, John C.	Coleman	386	1- 8-21
Richards, Thomas	Wayne	392	1- 8-21
Rees, William H.	Lethbridge	435	29- 8-21
Rowley, Arthur	Calgary	455	31- 7-22
Ridgeway, Leonard J.	Coalhurst	457	31- 7-22
Roberts, Robert	Wayne	464	31- 7-22
Richards, Harold	Hillcrest	484	1- 8-22
Roberts, Lemuel	Wayne	488	1- 8-22
Richards, M. C. Russell	Blairmore	509	17- 5-23
Rutherford, Leslie D.	Saunders West	565	6- 5-24
Rutherford, Wilson	Drumheller	583	30-10-24

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Roome, Richard	Mountain Park	588	24- 1-25
Rhodes, William B.	Lundbreck	625	26- 7-26
Robertson, Alexander	Lethbridge	633	30- 7-26
Ramage, John	Coalhurst	648	12- 8-27
Ray, William J.	Hillcrest	669	22- 4-29
Rees, Ernest	Hillcrest	686	1- 8-28
Rochester, John J.	Carbon	689	1- 8-28
Rolfe, Emrys	British Columbia	691	16- 8-28
Russell, William C.	Drumheller	705	24-11-28
Rear, Albert E.	Corbin, B.C.	728	7- 6-29
Reid, Wm. P.	Lethbridge	732	17- 6-29
Radford, J. H.	Heisler	738	17- 6-29
Rogers, Benjamin	Canmore	753	5-11-29
Reed, John C.	Edmonton	779	10- 6-30
Raisbeck, A. B.	East Coulee	785	10- 6-30
Reynolds, Horace C.	Canmore	11	13- 7-31
Roberts, Simon	Cadomin	21	13- 7-31
Radocy, Isaac C.	Aerial	23	13- 7-31
Ratcliffe, Thomas	Drumheller	24	13- 7-31
Robertson, Duncan	Drumheller	47	26- 7-31
Russell, Robert	Alix	69	25- 6-32
Rees, Sandford	Mountain Park	81	28- 7-32
Rhodes, George	Champion	96	10- 6-33
Rees, Edward D.	Bellvue	105	15- 6-33
Raeder, William	Elkwater	110	15- 6-33
Ross, A. W.	Delia	124	29- 7-33
Rozzolini, Albert	Raymond	126	29- 7-33
Radford, James T.	Bellevue	132	15- 9-33
Richards, Lorenzo	Coleman	142	5- 6-34
Riordan, Leo	Drumheller	173	13- 8-34
Ruffce, Harry G.	Nacmine	204	9- 7-35
Richardson, E. H.	East Coulee	205	17- 7-35
Raisbeck, Robt. M.	Drumheller	213	12- 8-35
Raisbeck, James	East Coulee	215	29- 8-35
Rebar, George	Lethbridge	229	22- 6-36
Roberts, Horace	Drumheller	251	11- 6-37
Rees, Daniel	East Coulee	273	27- 8-37
Richards, Lorenzo C.	Coleman	286	7- 6-38
Riva, Joseph	Canmore	288	8- 6-38
Remillard, Omer V.	Castor	304	22- 6-38
Raisbeck, Luke	East Coulee	330	7- 9-38
Ryning, James W.	Rowley	383	4- 7-39
Reissig, Erich	Willow Creek	388	12- 8-39
Robbins, John	Drumheller	390	17- 8-39
Richardson, John	Camrose	393	1- 9-39
Reynolds, Arthur E. V.	Mercoal	404	10-11-39
Roberts, William	Rosedale	11	4- 9-40
Richards, Clifford	Hillcrest	17	11- 7-41
Roome, Herbert	Mountain Park	44	17- 7-42
Rae, Alex.	Blairmore	47	18- 7-42
Roome, John	Mountain Park	49	26- 7-42
Scott, Robert	Lethbridge	6	19-12-98
*Scott, Hugh	Lethbridge	8	5- 6-99
Sedlock, Joseph	Canmore	22	25- 6-03
Smith, Robert	Canmore	32	5-12-04
Smith, Hugh	Bellevue	35	5-12-04
Stott, John	Lethbridge	38	23-12-04
Spencer, W. J.	Bankhead	51	6- 7-05
Salmond, James M.	Bankhead	6	20-12-05
Sparrow, Edwin	Tawatinaw	2	20-12-05
Smith, Ralph	Canmore	3	30- 5-06
Singleton, Robert	Lundbreck	47	29- 5-08
Schmidt, O. P.	Edmonton	44	1- 2-08
Sihvon, William	East Coulee	27	17- 5-07
Scott, Andrew N.	Luscar	28	23- 5-07
Smith, A. J. P.	Calgary	103	21- 2-10
Shaw, Thomas J.	Hinton	113	3- 6-10
Scott, Alexander	Pocahontas	185	28-11-11
Sheratt, Owen Sr.	Coleman	199	13- 7-12
Smith, Thomas	Hillcrest	216	1-11-12
Stobbs, Joseph	Diamond City	217	5-11-12
Shaw, Eli	Canmore	229	30- 4-13
Stephenson, Thomas	Bellevue	230	7- 4-13
Stott, John	Lethbridge (duplicate)	231	7- 4-13
Stephenson, Joseph	Commerce	232	30- 4-13
Sandino, Joseph	Drumheller	238	31- 7-13
Steele, John W.	Lethbridge	17	16- 3-14
Severns, Matthew	Edmonton	42	8- 9-14
Spencer, Murray A.	Brule	43	18- 9-14
Snarey, George	Beynon	62	5-12-14
Sinclair, James	Drumheller	68	22- 1-15
Smith, John	Blairmore	94	1- 9-15

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Smith, T. Edwin	Montana, U.S.A.	130	26- 7-16
Strickland, William	Evansburg	145	5- 7-17
Stratton, James M.	Taber	181	25- 7-17
Shaw, Tom	Bellevue	202	18- 4-18
Sorro, Christopher	Blairmore	203	18- 4-18
Steen, Herman	Hanna	277	26- 6-19
*Scott, Frederick G.	Nordegg	287	2- 9-19
*Sippell, Joseph	Drumheller	295	1-12-19
Stewart, James	Lethbridge	305	26- 7-20
Smith, Thomas	Coleman	307	26- 7-20
Saunt, James	Drumheller	309	26- 7-20
Steele, Francis M.	Calgary	319	26- 7-20
Stratton, A. T.	Medicine Hat	351	26- 7-20
Serrie, John	Taber	353	26- 7-20
*Sutherland, E. S.	Beverly	395	1- 8-21
Scott, Robert	Nordegg	399	1- 8-21
Shaw, William G.	Kimberley	409	1- 8-21
Shaw, Joseph H.	Kimberley	416	1- 8-21
Shaw, John H.	Nordegg	426	1- 8-21
Stene, David	Edmonton	430	29- 8-21
Strachan, John	Fernie, B.C.	437	29- 8-21
Sneddon, Thomas	Taber	444	3- 4-22
Shepperd, Geo. E.	Wayne	477	1- 8-22
Speaker, Pete A.	Calgary	489	1- 9-22
Smith, Andrew A.	Drumheller	522	17- 8-23
Shevels, John	Bellevue	523	17- 8-23
Smith, Sidney L.	Drumheller	552	1-11-23
*Studholme, John H.	Dinant	559	18-12-23
Simmons, Efner W.	Forestburg	611	25- 7-25
Stanley, Henry	Nacmine	615	1- 8-25
Severns, Matthew	Valley, Mont. (duplicate)	621	11- 5-26
Steward, Frederick G.	Drumheller	624	26- 7-26
Shearer, Peter	Cadomin	640	22- 9-26
Smith, Terence	Edmonton	646	1- 8-27
Stewart, George W.	Nordegg	667	16- 1-28
Shandruk, Henry K.	Edmonton	695	16- 8-28
Steven, Robert	Banff	701	22- 8-28
Smith, Peter	Coleman	718	7- 6-29
Scott, J. D.	Rosedale	722	7- 6-29
Snow, Percy E.	Lethbridge	729	7- 6-29
Strang, David	Mountain Park	746	23- 7-29
Shearer, J. C.	Rosedale	749	9- 8-29
Sherwood, Henry R.	Canmore	751	8- 8-29
Stevenson, Robert	Drumheller	757	25- 2-30
Smillie, Walter	Evansburg	772	4- 6-30
Sutherland, S. R.	Bellevue	782	10- 6-30
Sinoski, Mike	Edmonton	791	14- 6-30
Stewart, R. E.	Shaughnessy	802	18-10-30
Stene, Alexander	Cadomin	10	13- 7-31
Stanko, Martin	Drumheller	13	13- 7-31
Smith, John A.	Cadomin	31	13- 7-31
Simons, B. C.	Bellevue	36	26- 7-31
Saunders, Herbert A.	Cardiff	76	2- 7-32
Sward, Henry	Rose Lynn	104	10- 6-33
Schlender, Otto	Trochu	118	6- 7-33
Smillie, John	Drinnan	152	9- 6-34
Sprela, Martin	Willow Creek	163	19- 6-34
Schneider, Nick	Dimsdale	197	28- 6-35
Streich, Paul	Ardley	202	8- 7-35
Simpson, Frank	Nacmine	206	22- 7-35
Smith, James	Wayne	211	10- 8-35
Stevenson, Morris	Drumheller	218	25- 9-35
Shaw, Robert	Coleman	226	22- 6-36
Sinoski, Steve	Edmonton	252	11- 6-37
Sarsfield, William	East Coulee	273	27- 8-37
Stewart, Jas. M. Jr.	Nordegg	281	7- 3-38
Sheridan, Daniel	Lacombe	296	11- 6-38
Simpson, Edward	Edmonton	300	22- 6-38
Schymizek, John	Bright Bank	302	22- 6-38
Swan, Harry	Priddis	307	22- 6-38
Sirko, Tibor	Rosedale Station	319	21- 7-38
Stratton, Andrew T.	Redcliff (duplicate)	329	7- 9-38
Smith, Harry	Drumheller	338	21-10-38
Scarpino, Eugene M.	Rosedale	389	14- 8-39
Swanston, Matthew	East Coulee	392	1- 9-39
Smith, Charles E.	Rosebud	396	12- 9-39
Steen, Alf C.	Rosedale Station	398	16- 9-39
Samis, Kenneth E.	Namao	402	18-10-39
Schnepf, Karl J.	Rosebud	6	3- 8-40
Smith, James	Nordegg	9	3- 8-40
Taylor, William	Lethbridge	10	16- 4-01

## THE MINES BRANCH

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Turner, Samuel H.	Frank	21	25- 6-03
*Thomas, David	Bankhead	31	5-12-04
Thompson, Thos.	Lundbreck	16	3- 1-07
*Teppo, Herman	Bellevue	19	3- 1-07
Turner, Samuel H.	Frank (duplicate)	22	8- 5-07
Tonge, Thomas	Lundbreck	5	30- 5-06
*Taylor, Thos.	Lundbreck	30	23- 5-07
Thomas, John J.	Frank	74	21- 4-09
Thompson, Thos.	Coleman	93	29-11-09
*Thomas, Jos. D.	Nacmine	81	25- 8-09
Thomson, Thomas W.	Bankhead	161	17-11-11
Thompson, Joseph	Coleman	165	17-11-11
Thomas, Isaac	Coleman	204	27- 7-12
Tully, Thomas	Fernie, B.C.	215	1-11-12
Turner, William	Hillcrest	244	31- 7-13
Thomas, John B.	Edmonton	46	19-11-14
Thomson, Roger A.	Lovettville	66	22-12-14
Thomson, David	Lovettville	82	19- 8-15
Tennant, Robert	Drumheller	84	19- 8-15
*Troman, Samuel	Lethbridge	87	26- 8-15
Turner, Leonard	Nordeg	125	19- 7-16
*Thom, George	Pocahontas	142	12-12-16
Tennant, John	Lethbridge	165	10- 7-17
Terris, Andrew	Nordeg	170	17- 7-17
Tennant, William G.	Lethbridge	228	8- 6-18
Tisdale, James R.	Winnipeg	231	8- 6-18
Thomason, Charles	Blairmore	234	14- 6-18
Talbot, William	Drumheller	235	22- 6-18
Thomson, James	Beverly	425	1- 8-21
Thomson, George H.	Lethbridge	433	29- 8-21
Thompson, Andrew	Aerial	267	26- 6-19
Thackray, Fred	Lethbridge	281	26- 6-19
Travis, Joseph	Bankhead	303	26- 7-20
*Terris, Chapen	Saunders	429	1- 8-21
Thornhill, John E.	Coalhurst	482	1- 8-22
Tannucci, Joseph	Brule	485	1- 8-22
Tilley, John C.	Bellevue	511	30- 6-23
Taylor, William	Midlandvale	514	17- 8-23
Turner, William H.	Blairmore	525	17- 8-23
Tucker, John M.	Entwistle	528	17- 8-23
Talbot, Walter J.	Clover Bar	533	17- 8-23
Trentham, Harry	Ghost Pine	536	17- 8-23
Teasdale, J. R. W.	Drumheller	540	1- 9-23
Tyldsley, Albert	Beverly	545	1- 9-23
Thomson, Walter	Clover Bar	628	26- 7-26
Taylor, John	Drumheller	649	1- 8-27
Tompkins, David F. R.	Foothills	659	1- 9-27
Thomson, William	Edmonton	683	1- 8-28
Thomas, Edward J.	Drumheller	706	24-11-28
Thomson, John	Edmonton	758	4- 6-30
Thirlwell, Wm.	Robb	4	20- 2-31
Tyrer, Edward	Lethbridge	5	13- 7-31
Thomas, William	Luscar	38	26- 7-31
Thomas, David S.	Midlandvale	55	21- 3-32
Tyrer, Harold	Lethbridge	70	25- 6-32
Taylor, Robert	Calgary	85	24- 8-32
Tonge, Reginald	Blairmore	90	30- 9-32
Thomson, Alexander	Edmonton	141	5- 6-34
Taylor, Edward	Groton	154	9- 6-34
Tiffin, Richard	Coleman	188	10- 6-35
Thomas, David R.	Ryley	241	6-11-36
Tiberghiem, A. J.	Coleman	264	23- 6-37
Turner, William A.	Halcourt	262	23- 6-37
Thompson, John W.	Drumheller	274	1- 9-37
Treventhin, Mark	Wayne	305	22- 6-38
Tennant, James	Mountain Park	358	8- 6-39
Thomson, John D.	Drinnan	360	8- 6-39
Thomas, David R.	Luscar	379	4- 7-39
Tinsley, Albert J.	Rosedale Station	381	4- 7-39
Tiberg, Alrik N.	Blairmore	38	17- 7-42
Utey, Frederick W.	Bellevue	250	26- 6-19
Unsworth, Robert J.	Scapa	399	12-10-39
Urwin, Henry	Canmore	123	29- 7-33
Unsworth, George	Scapa	399	12-10-39
Vola, Serafino	Canmore	63	1- 2-09
Vaselenak, Michael P.	Lethbridge	159	10- 7-17
Vickers, William A.	Taber	443	10- 3-22
Villard, Henry	Wayne	450	31- 7-22
Vannucci, Luigi	Brule	629	26- 7-26
Vining, Samuel	Luscar	635	30- 7-26
Vivyrka, John	Mercoal	44	26- 7-31

## List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Van Schoorl, August	Coleman	228	22- 6-36
Valentini, Marcelli	Bow Island	309	22- 6-38
Vanbesien, Jules	Champion	368	22- 6-39
Van Duncombe, Walter	Taber	394	12- 9-39
Watkins, W. E.	Champion	1	14-11-98
Wilson, John	Canmore	2	15-11-98
Watkins, John W.	Canmore	3	15-11-98
Waite, Archibald	Taber	11	6- 7-03
White, Harry J.	Coalhurst	677	19- 7-28
Woollney, Karl	Bellevue	681	1- 8-28
Wiltse, Donald H.	Edmonton	688	1- 8-28
Whitehead, J. W.	England	712	7- 6-29
Williams, L. A.	Edmonton	768	4- 6-30
Womersley, E.	Blairmore	783	10- 6-30
Williams, H. A.	Mountain Park	792	3- 7-30
White, Michael	Drumheller	806	29-10-30
Williams, Walter	Alix	29	13- 7-31
Walsh, James C.	Bellevue	34	13- 7-31
Williams, D. J.	Mountain Park	35	13- 7-31
Watkin, Geo. E.	Bittern Lake	59	2- 6-32
Walton, Geo. A.	Forestburg	67	25- 6-32
Watson, David	Leduc	77	11- 7-32
White, George	Nordegg	83	24- 8-32
Williams, Wm.	Barnwell	87	23- 9-32
Woodward, Clarence	Bellevue	94	16- 2-33
Wilkinson, James	Bragg Creek	116	3- 7-33
Watters, David G.	Drumheller	120	29- 7-33
Wiltse, Floyd N.	Forestburg	125	29- 7-33
Wilson, Charles	Lethbridge	130	8- 9-33
Webb, James F.	Canmore	42	8- 4-05
Wilson, William G.	Washington, U.S.A.	3	20-12-05
Watters, John	Burnis	5	20-12-05
Welsh, W. R.	Burnis	9	3- 1-07
Wrigley, Walter	Cadomin	37	10- 1-08
Willmott, William	Canmore	38	10- 1-08
Watters, A. G.	Banff	49	29- 5-08
Weston, Thomas	Edmonton	73	7- 4-09
White, Harry	Hillcrest	90	29-11-09
Williams, Walter E.	Edmonton	213	31-10-12
Williams, John J.	Edmonton	223	25-11-12
Whitefield, Isaac	Coalhurst	15	10- 3-14
Williams, John T.	Bellevue	33	23- 5-14
Wesnedge, William	Nanaimo, B.C.	58	5-12-14
Wardrop, James	Canmore	72	16- 2-15
Worthington, Thomas	Lethbridge	92	1- 9-15
Wallwork, William	Taber	118	10- 7-16
Watkins, James M.	Taber	128	26- 7-16
Williams, Albert	Edmonton	138	25- 9-16
Wilcox, William J.	Edson	140	11-11-16
Willets, Frederick	Lethbridge	162	10- 7-17
Wilson, Alexander	Midlandvale	169	17- 7-17
Wolstoncroft, Robert	Commerce	175	17- 7-17
Watson, Adam G.	Calgary	215	1- 6-18
Wheatcroft, Fred Jr.	Drumheller	225	8- 6-18
White, John M.	Lethbridge	233	14- 6-18
Warren, Michael	Edmonton	304	26- 7-20
Womersley, Alfred	Redcliff	316	26- 7-20
Wright, S. P. T.	Coalhurst	336	26- 7-20
Walker, H. M.	Bellevue	368	26- 7-20
Watson, James	Edmonton	378	1- 8-21
Woolett, Charles	Edmonton	379	1- 8-21
Walker, Charles C.	Wayne	385	1- 8-21
White, William	Hillcrest	388	1- 8-21
White, Alfred	Hillcrest	389	1- 8-21
Wheatcroft, George L.	Wayne	394	1- 8-21
Wilkie John	Sheerness	405	1- 8-21
White, Robert	Nordegg	411	1- 8-21
White, William	Coleman	427	1- 8-21
Whyte, William	Lethbridge	446	16- 6-22
Williamson, John B.	Cadomin	473	31- 7-22
Wood, Matthew	Bellevue	508	17- 5-23
Wylie, James	Commerce	520	17- 8-23
Weaver, William	Natal, B.C.	530	17- 8-23
Whitelaw, William	Blairmore	532	17- 8-23
Whelan, Charles J.	Newcastle P.O.	556	4-12-23
Williamson, David S.	Camrose	558	18-12-23
Waller, Herbert	Natal, B.C.	562	28-12-23
Willets, Norman	Hillcrest	571	24- 7-24
Williams, Hugh	Nordegg	577	1- 8-24
Wilton-Clark, Harry	Bellevue	594	20- 7-25
Wheatley, Frank M.	Banff	599	20- 7-25

## THE MINES BRANCH

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Wiswell, Byron	Blairmore	637	6- 8-26
Wilson, Samuel	Drumheller	639	20- 8-26
Whittaker, William C.	Coal Valley	643	25- 5-27
Westcott, Henry M.	Wayne	651	1- 8-27
Warneboldt, Julius	Chilliwack, B.C.	658	1- 9-27
Withington, Harry E.	Newcastle P.O.	664	14-10-27
Williams, John	Barnwell	161	16- 6-34
White, John	Nordeg	210	10- 8-35
Wright, S. P. T.	East Coulee	243	1- 2-37
Whyte, David	Pipestone Creek	253	11- 6-37
Waddington, Daniel M.	Coleman	259	23- 6-37
Wheatley, James W.	Banff	276	4-10-37
Wheeler, Albert	Clyde	282	24- 3-38
Wolff, Alfred	Willow Creek	387	12- 8-39
Watters, John J.	Edmonton	12	19- 9-40
Wakaruk (Walker), John J.	Newcastle	48	20- 7-42
Young, Thomas	Taber	57	11- 1-09
Young, Samuel	Cardiff	101	18- 1-10
Yates, James	Coleman	504	15- 2-23
Young, David B.	Picture Butte	581	25- 9-24
Young, Robert	Newcastle P.O.	603	25- 7-25
Young, Robert	Newcastle P.O. (duplicate)	788	14- 6-30
Young, Albert	Foreman	159	16- 6-34
Young, John	Drumheller	214	29- 8-35
Young, Warren	Wayne	216	30- 8-25
Young, Charles	Newcastle	278	10-11-37
Yarham, John I.	Forestburg	321	8- 8-38
Yorko, Simon A.	Shaughnessy	345	8- 6-39
Yard, Lloyd Geo.	Trochu	373	22- 6-39
Zak, Albert	Commerce	324	26- 7-20
Zambo, Joseph	Aerial	292	10- 6-38
Zaputit, Frank W.	Rosedale	397	12- 9-39

\*Deceased.

List of Names of Holders of Mine Surveyors' Certificates

Aspinall, Francis	Vancouver	1	7- 8-15
Adam, William A.	Lethbridge	40	21- 8-15
Ashburner, Edward	Medicine Hat	79	1- 9-15
Allen, Peter	Wayne	109	23-11-15
Atkins, Cecil B.	Edmonton	162	17- 7-23
Brown, John	Calgary	30	20- 8-15
Billington, Edward E.	England	42	23- 8-15
Bilteyst, Jean	Calgary	73	1- 9-15
*Black, Ernest D.	Nova Scotia	75	1- 9-15
Baxter, Andrew W.	Calgary	119	23-11-15
Brown, Hugh R.	Carbon	125	10- 7-16
Brown, Thomas	Edmonton	133	17-11-17
Burgess, Wilfred D.	Trail, B.C.	169	18-12-23
Coulthard, Robert W.	Toronto, Ont.	20	7- 8-15
Church, James A. H.	Nova Scotia	21	7- 8-15
Charlesworth, Lionel C.	Edmonton	22	7- 8-15
*Callander, Ira C.	Pocahontas	39	21- 8-15
Charbonnier, Jules	Blairmore	72	1- 9-15
*Cote, Jean L.	Edmonton	80	1- 9-15
Cautley, Reginald H.	Edmonton	81	1- 9-15
*Crowder, James	Blairmore	111	23-11-15
Cook, Arnold B.	Calgary	113	23-11-15
Cummin, Charles H.	Edmonton	135	3- 7-18
*Crowder, Harry	Drumheller	152	26- 7-20
Congdon, Milton H.	Blairmore	157	1- 8-21
Clement, Adolph L.	Cadomin	158	1- 8-21
Cameron, Alan E.	Edmonton	154	9- 3-21
Carthew, John T.	England	164	17- 7-23
Chavignaud, Louis G.	Hinton	165	17- 7-23
*Davidson, W. A.	Rosedale	7	7- 8-15
*Drinnan, Robert G.	Edmonton	8	7- 8-15
DeHart, Joseph B.	Lethbridge	45	23- 8-15
*Dougall, Ralph	Bankhead	49	23- 8-15
Drummond, Leonard E.	Edmonton	51	23- 8-15
Dunn, Alex. C.	Edmonton	55	23- 8-15
*Darbyshire, James	Drumheller	69	1- 9-15
Duggan, William H.	Foothills	84	1- 9-15
*Driscoll, Alfred	Edmonton	91	7- 9-15
Dennin, Frederick W.	England	100	9- 9-15
Davis, Alfred	Lethbridge	114	23-11-15
Daniell, G. W. B.	Nanaimo, B.C.	126	10- 7-16



## List of Names of Holders of Mine Surveyors' Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Donaldson, C. S.	Lethbridge	151	26- 7-20
Dewis, Clifford S.	Canmore	163	1- 8-22
Drinnan, R. G. Jr.	Edmonton	181	8- 8-30
Dwarkin, L. M.	Coleman	2	30-10-41
Elliott, Edward P.	Pocahontas	33	20- 8-15
Ellis, William	Three Hills	94	7- 9-15
*Evans, Daniel	Edmonton	123	29-12-15
Elliott, G. R.	Calgary	150	26- 7-20
*Fraser, Norman	Edmonton	15	7- 8-15
Foot, Robert G.	Coleman	54	23- 8-15
Finnie, Oswald S.	Ottawa	57	23- 8-15
Flint, William G.	Edmonton	76	1- 9-15
Fortner, Edward	Tennessee, U.S.A.	83	1- 9-15
*Fraser, A. T.	Edmonton	121	18-11-15
Foster, William	Robb	167	1- 9-23
French, Merritt H.	Calgary	3	22- 8-33
Fraser, Arthur A.	Coleman	8	2- 9-37
Green, Raoul	Calgary	70	1- 9-15
Gallon, Emile	France	89	7- 9-15
Gray, David	Washington, U.S.A.	110	23-11-15
*Gheur, Ernest	Nordegg	129	22- 2-17
Graham, A. E.	Coleman	168	15- 9-23
Gardner, H. H.	Coleman	180	23- 7-29
Hutchison, David	Hillcrest	29	20- 8-15
*Huntrods, E. S. F.	Taber	34	20- 8-15
*Hardie, W. D. L.	Lethbridge	50	23- 8-15
*Holden, Jas. O. E.	Drumheller	46	23- 8-15
*Hargreaves, James	Victoria, B.C.	52	23- 8-15
Hamilton, James F.	Lethbridge	56	23- 8-15
Henderson, Thomas R.	Scotland	67	1- 9-15
Hutchison, William	Hillcrest	68	1- 9-15
Hamilton, Robert	Three Hills	74	1- 9-15
Horne, Thomas	Edson	82	1- 9-15
*Harrison, Stephen	Lethbridge	85	1- 9-15
Hyde, Marcus L.	California	95	7- 9-15
*Hamilton, W. L.	Lethbridge	117	23-11-15
Hamilton, Allan	Drumheller	131	7- 7-17
Hall, W. E. G.	Blairmore	143	2- 7-19
Hetherington, W. B.	British Columbia	144	9- 7-19
Higgins, Alexander	Calgary	145	15- 7-19
Hollies, R. T.	Drumheller	156	1- 8-21
Hunter, A. B.	Calgary	153	9- 3-21
Howells, N.	Wayne	160	3-11-21
Hnatyshyn, Andrew C.	Luscar	171	24- 7-24
Hughes, Edward	Mayerthorpe	174	25- 9-24
Hewitt, Herbert E.	Blairmore	6	7- 8-36
Hamilton, Duncan C.	Drumheller	10	1-10-38
Jones, Samuel A.	Nanaimo, B.C.	26	19- 8-15
Jones, David	Edmonton	32	20- 8-15
*Johnson, Moses	Blairmore	130	7- 7-17
Jones, John R. B.	Hinton	5	1- 8-36
*Kellock, George	Coleman	105	23-11-15
*Kellelt, Walton	Lethbridge	47	23- 8-15
*Knight, R. R.	Edmonton	96	9- 9-15
Knight, Sidney	Ottawa	122	3-12-15
Kidd, G. L. S.	Drumheller	132	10-10-17
Kelly, O. G.	Carbondale	2	29- 7-33
*Livingstone, Robert	Lethbridge	9	7- 8-15
*Lee, Robert	Estevan, Sask.	64	1- 9-15
Lavoie, G. A.	United States	44	23- 8-15
Lyster, H. M.	Toronto, Ont.	77	1- 9-15
*Leblanc, Emile	Wayne	107	23-11-15
Lindoe, Luke	Coleman	136	3- 7-18
Lewis, John W.	Mountain Park	159	10-10-21
Livingstone, Robt. D.	Lethbridge	11	25- 7-39
*Morris, J. J.	Canmore	14	7- 8-15
Morris, R. H.	Virginia, U.S.A.	17	7- 8-15
Milne, M. C.	Virginia, U.S.A.	78	1- 9-15
*Mills, Harry W.	Bankhead	92	7- 9-15
Maxwell, W.	Westville, N.S.	93	7- 9-15
Millar, A. A.	Edmonton	97	9- 9-15
Meldrum, Wm.	Lethbridge	98	9- 9-15
Moodie, K.S.	Vancouver	101	9- 9-15
Marshall, J. W.	Evansburg	106	23-11-15
*Marsh, John	Taber	124	4- 4-16
Morgan, O.	Saunders	148	26- 7-20
Moore, H. D.	Edmonton	149	26- 7-20
Millen, John	Trail, B.C.	172	24- 7-24
Meinyk, N.	Cadomin	182	10- 9-30
Morgan, T. E.	Hillcrest	183	29-10-30
Morris, William	Edmonton	12	1- 8-39

## List of Names of Holders of Mine Surveyors' Certificates—Continued

Name	Address	Cert. No.	Date of Issue
McNeill, W. F.	Calgary	6	7-8-15
McLeod, John A.	Cadomin	35	20-8-15
McLenhan, J. A.	Coalspur	37	21-8-15
Macaulay, A. G.	Midlandvale	41	23-8-15
Macaulay, D. A.	Drumheller	60	31-8-15
McCulloch, James	Vancouver, B.C.	104	23-11-15
McDonald, Duncan	Drumheller	118	23-11-15
*McVicar, Samuel	Beaver Mines	120	23-11-15
*McDonald, John R.	Edmonton	128	22-2-17
McMullen, Arthur	Nordeg	1	26-7-31
O'Donnell, Thomas	Rosedale	102	9-9-15
Pitcher, Norman C.	Edmonton	10	7-1-18
*Parker, John L.	Canmore	11	7-8-15
Pickles, Wm.	Edmonton	24	18-8-15
*Puckett, O. L.	Robb	31	20-8-15
Ponton, G. M.	Calgary	63	1-9-15
Plard, Marc	Blairmore	88	7-9-15
Powell, A. E.	Lundbreck	108	23-11-15
Pascoe, Thomas	Mountain Park	178	1-8-27
Pratt, John	Coleman	4	22-7-35
Quigley, Daniel H.	Coalhurst	142	2-7-19
Reid, J. C.	Oklahoma, U.S.A.	12	7-8-15
Richards, J. A.	Edmonton	13	7-8-15
*Robertson, J. D.	Edmonton	23	7-8-15
Robertson, J.	Drumheller	61	1-9-15
Reid, A. H.	Oklahoma, U.S.A.	62	1-9-15
Robert, L. P.	Blairmore	65	1-9-15
Raisbeck, Luke	Drumheller	103	23-11-15
Ritchie, D. W.	Edmonton	134	28-6-18
Robinson, W. E.	Coleman	139	11-7-18
Riddell, J. G.	Coleman	147	26-7-21
Richards, M. C. Russell	Blairmore	166	15-9-23
*Richards, C. C.	Calgary	43	23-8-15
Rhynas, Melville G.	Pincher Creek	9	1-11-37
*Shaw, William	Edmonton	25	19-8-15
Stockett, Lewis	Vancouver	2	7-8-15
Stirling, John T.	Scotland	19	7-8-15
*Smith Frank B.	Edmonton	3	7-8-15
Scott, A. N.	Luscar	36	20-8-15
Shanks, John	Nordeg	58	28-8-15
Stevenson, Wm.	Hillcrest	59	31-8-15
Stevens, Leonard C.	Edmonton	66	1-9-15
Sutherland, C. C.	Seattle, Wash.	86	3-9-15
Stevenson, J.	Scotland	116	23-11-15
Sherwin, P. M.	Frank	127	22-1-17
Smith, T. E.	Montana, U.S.A.	137	3-7-18
Steele, F. M.	Calgary	146	23-3-20
Sparks, H. E.	Ontario	155	1-8-21
Shanks, David	Nordeg	161	3-4-22
Shaw, Norman	Edmonton	170	16-7-24
Stewart, R. T.	Edmonton	173	11-8-24
Thorne, B. L.	Calgary	18	7-8-15
*Thornton, Norman M.	Edmonton	16	7-8-15
*Thomas, Jos. D.	Nacmine	115	23-11-15
*Turner, John H.	Coalhurst	141	2-7-19
Utley, Frederick W.	Bellevue	177	26-7-26
*Whiteside, O. E. S.	Coleman	27	19-8-15
Williams, A. E.	Saunders	38	21-8-15
*Wain, W. Holt	Canmore	4	7-8-15
*Wilson, D. G.	Bankhead	5	7-8-15
Williams, T. B.	Calgary	48	23-8-15
Watson, R. H.	Edmonton	53	23-8-15
*Williams, W. P.	Bellevue	71	1-9-15
Watters, John	Banff	87	3-9-15
Wilson, W. R.	Fernie, B.C.	90	7-9-15
*Wark, Samuel D.	Evansburg	99	9-9-15
Wheeler, James S.	Calgary	112	23-11-15
Wright, Edwin	Fernie, B.C.	138	11-7-18
Wilton-Clark, Harry	Coleman	175	20-7-25
Wilson, William	Drumheller	176	14-8-25
Whittaker, William C.	Coal Valley	179	6-8-27
Whigham-Teasdale, Jas. R.	Drumheller	7	18-8-37
Wilson, Andrew	Rosedale Station	1	19-7-41
*Young, W. H.	Calgary	28	19-8-15

\*Deceased.

## List of Names of Holders of Mine Electricians' Certificates

Name	Address	Cert. No.	Date of Issue
Anderson, Julius	Wayne	87	10- 9-40
Angelo, Steve	Drumheller	88	10- 9-40
Arndt, Joseph H.	Drumheller	61	30-10-39
Biamonte, Antonio	Clover Bar	1	25- 9-39
Brotherston, Robert A.	Clover Bar	2	25- 9-39
Broderick, Gideon	Canmore	14	30-10-39
Blas, Emile	Blairmore	28	30-10-39
Blake, Gwilym	Blairmore	29	30-10-39
Bell, Harold	Lethbridge	39	30-10-39
Berlando, Tully	Aerial	49	30-10-39
Buzenus, Christopher	Drumheller	51	30-10-39
Belley, Thomas	Mountain Park	76	24-11-39
Brown, Hugh R.	Carbon	95	12- 9-40
Bucholtz, Robert C.	Redcliff	98	16- 9-40
Barrell, William	Ardley	101	14-11-40
Burch, George	Shaughnessy	107	1 10-41
Beaton, Geo. M.	Luscar	116	15-10-42
Conlin, Richard	Drumheller	50	30-10-39
Clark, James	East Coulee	59	30-10-39
Cartledge, Harold L.	Edmonton	67	9-11-39
Callan, Lawrence	Cadomin	78	24-11-39
Chapman, James R.	Alexo	84	25- 5-40
Craig, Andrew	Nacmine	91	11- 9-40
Devonshire, George H.	Canmore	15	30-10-39
Dibblee, Edwin W.	Coleman	26	30-10-39
Dutfield, George	Coleman	27	30-10-39
Dore, Vincent F.	Coal Valley	70	24-11-39
Dolanz, Steve	Three Hills	81	21-12-39
Dolanz, Iggy	Three Hills	82	21-12-39
Edwards, Mark	Entwistle	100	14-11-40
Fraser, James	Coleman	31	30-10-39
Ford, John C.	Drumheller	53	30-10-39
Freypons, John	East Coulee	60	30-10-39
Fox, Alfred	Carbon	83	21-12-39
Finlayson, John C.	Robb	102	15-11-40
Gilchrist, J. N.	Wabamun	5	27- 9-39
Grover, Henry	Calgary	16	30-10-39
Gregor, Victor	Bellevue	17	30-10-39
Godfrey, Wiley R.	Coleman	18	30-10-39
Gidman, Joseph H.	Taber	40	30-10-39
Grant, Alexander	Rosedale	47	30-10-39
Horne, Robert	Drinnan	4	27- 9-39
Hunter, James	Edmonton	8	27- 9-39
Hallworth, Frederick W.	Bellevue	23	30-10-39
Henderson, John R.	Nacmine	46	30-10-39
Herman, Martin	Drumheller	48	30-10-39
Higgins, William	Drumheller	52	30-10-39
Hansen, Knud	Midlandvale	55	30-10-39
Hoole, Wm.	East Coulee	86	10- 9-40
Henderson, Patrick H.	Lethbridge	97	16- 9-40
Hodgkinson, John L.	Evansburg	112	21-11-41
Iwasiuk, Harry	Wabamun	7	27- 9-39
Johnson, Albert E.	Drumheller	85	10- 9-40
King, William G.	Lethbridge	37	30-10-39
King, Samuel D.	Iron Springs	41	30-10-39
Lambert, Louis J.	Edmonton	3	27- 9-39
Lister, Alexander B.	Edmonton	9	27- 9-39
Lawrence, Charles G.	Hillcrest	19	30-10-39
Lain, John T.	Foothills	69	24-11-39
Lattin, Albert	Drumheller	89	10- 9-40
Laslop, Ignac	Midlandvale	92	11- 9-40
Mitchell, Robert	Coleman	20	30-10-39
Murdoch, Stewart	Coleman	21	30-10-39
Millett, Fernley E.	Blairmore	22	30-10-39
Montalbetti, Ralf A.	Coleman	32	30-10-39
Milesen, Thomas H.	Lethbridge	34	30-10-39
Milner, Robert	Lethbridge	44	30-10-39
Munro, James H.	Lethbridge	45	30-10-39
Murdoch, Horace	Rosedale	56	30-10-39
Marsh, Cyril	Drumheller	57	30-10-39
Milo, Michael	East Coulee	65	30-10-39
Mellett, Percy M.	Sterco	71	24-11-39
Mathison, Matthew	Robb	72	24-11-39
Miller, William J.	Cadomin	79	24-11-39
MacDonald, Edwin M.	Bellevue	24	30-10-39
McKay, Fred	Blairmore	25	30-10-39
McGregor, Hector	Lethbridge	36	30-10-39
McMahon, James	Lethbridge	38	30-10-39
McLeod, Fraser	Mercoal	74	24-11-39
Manning, Thomas	Drumheller	93	11- 9-40
Musgrove, Fred	Canmore	105	1-10-41

## THE MINES BRANCH

List of Names of Holders of Mine Electricians' Certificates—Continued

Name	Address	Cert. No.	Date of Issue
McQuillan, D. J. ....	Saunders .....	113	15-10-42
Nelson, Cals E. ....	Lethbridge .....	42	30-10-39
Nelson, Leonard G. ....	Lethbridge .....	96	16- 9-40
Oliphant, Cyril .....	Carbon .....	80	21-12-39
O'Dwyer, John J. ....	Midlandvale .....	90	10- 9-40
Oliver, Kenneth .....	Taber .....	109	1-10-41
Porter, Glen .....	Luscar .....	77	24-11-39
Phillips, Robert .....	Edmonton .....	111	21-11-41
Reishus, Odin K. ....	East Coulee .....	63	30-10-39
Raisbeck, Luke .....	East Coulee .....	64	30-10-39
Root, Clarence .....	Robb .....	73	24-11-39
Riordan, Leo .....	Edmonton .....	104	1- 5-41
Smith, Eric W. ....	Nordegg .....	12	30-10-39
Shanks, David S. ....	Nordegg .....	13	30-10-39
Sbora, John .....	Drumheller .....	54	30-10-39
Speight, James A. ....	Midlandvale .....	58	30-10-39
Skow, Arthur M. ....	Drumheller .....	62	30-10-39
Stacey, Alfred R. ....	Hinton .....	68	30-10-39
Stewart, R. T. ....	Edmonton .....	99	14-11-40
Trysinsky, Stanley .....	Hinton .....	103	23-12-40
Thackray, John .....	Shaughnessy .....	108	1-10-41
Tait, Burton .....	Edmonton .....	110	21-11-41
Vasek, Steven .....	Coleman .....	33	30-10-39
Wilson, Glen H. ....	Edmonton .....	6	27- 9-39
Waters, William J. ....	Saunders .....	10	30-10-39
Wilson, John .....	Nordegg .....	11	30-10-39
Warn, Roland .....	Bellevue .....	30	30-10-39
Webster, James S. ....	Shaughnessy .....	35	30-10-39
Wyatt, Douglas .....	Diamond City .....	43	30-10-39
Weston, Clarence E. ....	Rosedale .....	66	30-10-39
Watson, James S. ....	Mountain Park .....	75	24-11-39
Wilson, Mike .....	Willow Creek .....	94	12- 9-40
Wollersheim, Phillip .....	Drumheller .....	106	1-10-41
Worobec, Wm. N. ....	Bellevue .....	114	15-10-42
Weins, Wm. J. ....	Drumheller .....	115	15-10-42

\*Deceased.

**NUMBER OF MINES OPENED, ABANDONED AND RE-OPENED ACCORDING TO  
AREAS AND KIND OF COAL, DURING THE YEAR**

Area	Area Number	Character of Coal	No. of Mines in operation Dec. 31, '42	Mines opened during the year	Mines re-opened during the year	Mines closed but not abandoned	Mines abandoned during the year	Name and Address of District Inspector of Mines
Ardley .....	1	Domestic .....	6	1	.....	.....	2	John Crawford, Qu'Appelle Bldg., Tel. No. 28612.
Big Valley .....	2	Domestic .....	3	.....	.....	.....	.....	
Camrose .....	5	Domestic .....	5	.....	.....	1	1	
Carbon .....	6	Domestic .....	10	.....	.....	.....	.....	
Castor .....	8	Domestic .....	26	1	.....	2	1	
Edmonton .....	15	Domestic .....	16	.....	.....	.....	.....	
Pembina .....	31	Domestic .....	1	.....	.....	.....	.....	
Tofield .....	42	Domestic .....	4	.....	.....	.....	.....	W. E. G. Hall, Lethbridge, Alta., Tel. No. 3325.
Wetaskiwin .....	45	Domestic .....	1	.....	.....	.....	.....	
Brooks .....	3	Domestic .....	2	.....	.....	.....	.....	
Champion .....	9	Domestic .....	4	.....	.....	.....	1	
Lethbridge .....	8	Domestic .....	8	.....	.....	3	1	
Milk River .....	22	Domestic .....	2	.....	.....	1	.....	
Pakowki .....	28	Domestic .....	2	.....	.....	.....	.....	
Redcliff .....	34	Domestic .....	2	.....	.....	.....	.....	Wm. Goodwin, Edson, Alta., Tel. No. 35.
Taber .....	41	Domestic .....	5	.....	.....	1	3	
Coalspur .....	11	Sub-Bituminous .....	6	.....	.....	.....	.....	
Mountain Park .....	24	Bituminous .....	4	.....	.....	.....	.....	
Pembina .....	31	Domestic .....	1	.....	.....	1	.....	
Crowsnest .....	12	Bituminous .....	6	1	.....	.....	.....	
Pincher .....	32	Sub-Bituminous .....	1	.....	.....	.....	1	
Carbon .....	6	Domestic .....	4	.....	.....	.....	.....	E. H. Morgan, Blairmore, Alta., Tel. No. 70.
Cascade .....	7	Bituminous .....	2	.....	.....	.....	.....	
Drumheller .....	14	Domestic .....	5	.....	.....	1	1	
(Wayne)								
Gleichen .....	17	Domestic .....	3	.....	.....	.....	.....	
Highwood .....	19	Bituminous .....	1	.....	.....	.....	.....	
Nordegg .....	25	Bituminous .....	2	.....	.....	.....	.....	
Pekisko .....	30	Sub-Bituminous .....	2	.....	.....	1	1	W. G. Heeley, New Court House Building, Calgary, Alta., Tel. No. M842-84.
Saunders .....	36	Sub-Bituminous .....	2	.....	.....	.....	.....	
Drumheller .....	14	Domestic .....	17	2	.....	.....	1	
Gleichen .....	17	Domestic .....	3	.....	.....	.....	.....	
Sheerness .....	38	Domestic .....	6	.....	.....	.....	1	
Edmonton .....	15	Domestic .....	12	.....	.....	.....	1	
Halcourt .....	18	Domestic .....	3	1	.....	2	.....	
Whitecourt .....	46	Domestic .....	1	.....	.....	.....	.....	A. B. Hunter, Edmonton, Alta., Tel. No. 916415.
Rochester .....	35	Domestic .....	2	.....	.....	.....	.....	
<b>Total.....</b>			<b>180</b>	<b>6</b>	.....	<b>13</b>	<b>15</b>	

In addition to the above, Mr. A. B. Hunter, 10898 75th Street, Edmonton, is acting in the capacity of Assistant Chief Inspector of Mines, Telephone No. 72212.

In addition to the above, Mr. Burton Tait is the Electrical Inspector for all mines in the Province. His address is 5 Normandie Apts., and the Telephone No. 23716.

NEW CLASSIFICATION OF ALBERTA COALS BY AREAS, AS SUBMITTED BY THE  
ASSOCIATE COMMITTEE OF EACH CLASSIFICATION

Areas	A S.T.M. Rank (D388-38) and Class											
	Anthracite				Bituminous					Sub-Bituminous		
	Group	Meta-anthracite	Anthracite	Semi-anthracite	Low volatile	Medium volatile	High volatile A	High volatile B	High volatile C	Sub bituminous A	Sub-bituminous B	Sub-bituminous C
Ardley												
Big Valley												
Brooks												
Brule					*							
Camrose										*		
Carbon											*	
Cascade				*	*							
Castor												
Champion										*		
Clearwater†											*	
Coalspur									*			
Crowsnest						*	*					
Drumheller											*	
Edmonton											*	
Empress†												*
Gleichen											*	
Halcourt								*				
Highwood					*							
Lethbridge									*			
Magrath								*				
Milk River										*		
Morley†												
Mountain Park						*	*	*				
Nordeg					*							
Oldman†						*						
Pakan												
Pakowki												*
Panther†												
Pekisko								*				
Pembina											*	
Pincher								*	*			
Prairie Creek								*	*			
Redcliff												*
Rochester												
Saunders									*			
Sexsmith												
Sheerness												*
Smoky River†												
Steveville†										*		
Taber										*	*	
Tofield												*
Valhalla†												
Wainwright†												
Westlock†												
Westkiwin												
Whitecourt												

†Non-producing district at present.

\*Kind or rank of coal is indicated at the heading of this column.

St. - Shipping pits.

Closed ≠ Abandoned

1943

Output in  
tons

ANNUAL REPORT, 1942

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ARDLEY AREA

J. W. Sissons—Mine No. 809 St.

2717

Mine Office: Alix, Alberta.  
Overman: Clive Sissons.  
Mine Surveyor: Robert Hamilton.  
Location of Mine: E. of C.N.R. L.S. 6.  
Sec. 33, Tp. 38, Rge. 23, W. 4th Mer.  
Thickness of Seam: 5 feet. Inclination  
of Seam: Horizontal.  
Thickness of Cover: 42 feet.  
Form of Opening: Stripping operation.

James Blades—Mine No. 969

1140

Mine Office: Delburne, Alberta.  
Overman: James Blades.  
Mine Surveyor: L. C. Stevens.  
Location of Mine: L.S. 14, Sec. 10, Tp.  
30, Rge. 22, W. 4th Mer.  
Thickness of Seam: 3ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 60 feet.  
Form of Opening: Slope. Size of Slope:  
5ft. 6in. by 6ft. Length of Slope: 150  
feet.

Alexander J. Johnson—Mine No. 1018

683

Mine Office: Ardley, Alberta.  
Overman: Alex. J. Johnson.  
Mine Surveyor: David Jones. 17 38  
Location of Mine: L.S. 4, Sec. 3, Tp. 17,  
Rge. 23, W. 4th Mer.  
Thickness of Seam: 5ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 50 to 100 feet.  
Form of Opening: Drift. Size of Drift:  
6ft. by 7ft.

Carl B. Kurp—Mine No. 1135

1515

Mine Office: Alix, Alberta.  
Overman: Carl B. Kurp.  
Mine Surveyor: David Jones.  
Location of Mine: L.S. 4, Sec. 7, Tp. 38,  
Rge. 23, W. 4th Mer.  
Thickness of Seam: 4 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 55 feet.  
Form of Opening: Entry. Size of Entry:  
6ft. by 6ft.

John Lyness—Mine No. 1322

2488

Mine Office: Delburne, Alberta.  
Overman: John Lyness.  
Mine Surveyor: David Jones.  
Location of Mine: L.S. 16, Sec. 7, Tp. 38,  
Rge. 23, W. 4th Mer.  
Thickness of Seam: 6 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 20 to 75 feet.  
Form of Opening: Drift. Size of Open-  
ing: 6ft. by 7ft.

Chas. O. Russell—Mine No. 1488

115

Mine Office: Alix, Alberta.  
Overman: Chas. O. Russell.  
Mine Surveyor: David Jones.  
Location of Mine: W. 1/4 L.S. 3, Sec. 29,  
Tp. 38, Rge. 23, W. 4th Mer.  
Thickness of Seam: 5 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 50 to 75 feet.  
Form of Opening: Drift. Size of Open-  
ing: 6ft. 6in. by 4ft. 9in.

D. L. Gordon—Mine No. 1574

X

(1942

Mine Office: Nevis, Alberta.  
Overman: D. L. Gordon.  
Mine Surveyor: David Jones.  
Location of Mine: L.S. 2, Sec. 2, Tp. 39,  
Rge. 22, W. 4th Mer.  
Thickness of Seam: 3ft. 9in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 10 to 30 feet.  
Form of Opening: Tunnel. Size of Tun-  
nel: 6ft. by 6ft.

BIG VALLEY AREA

Big Valley Coal Co.—Mine No. 864 11234

Mine Office: Big Valley, Alberta.  
Acting Manager: Robert Baxter.  
Mine Surveyor: David Jones.  
Location of Mine: L.S. 16, Sec. 26, Tp.  
35, Rge. 20, W. 4th Mer.  
Thickness of Seam: 6 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 15 to 80 feet.  
Form of Opening: Slope. Size of Open-  
ing: 6ft. by 8ft., 100 foot slope.

James McKinlay—Mine No. 1189

282

Mine Office: Huxley, Alberta.  
Overman: James McKinlay.  
Mine Surveyor: David Jones.  
Location of Mine: E. 1/2 of E. 1/2 L.S. 13,  
Sec. 3, L.S. 14, Sec. 3, Tp. 34, Rge.  
22, W. 4th Mer.  
Thickness of Seam: 3ft. 3in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 10 to 75 feet.  
Form of Opening: Drift. Size of Drift:  
5ft. by 6ft.

Robert Campkin—Mine No. 1254

1116

Mine Office: Lousana, Alberta.  
Overman: Robert Campkin.  
Mine Surveyor: David Jones.  
Location of Mine: S.W. 1/4 L.S. 16, Sec.  
12, Tp. 36, Rge. 22, W. 4th Mer.  
Thickness of Seam: 4ft. 4in.  
Thickness of Cover: 15 to 150 feet.  
Form of Opening: Slope. Size of Slope:  
6ft. by 6ft. Length of Slope: 112 feet.

Robert Halbert—Mine No. 1376

204

Mine Office: Perbeck, Alberta.  
Overman: Robert Halbert.  
Mine Surveyor: Alex. Higgins.  
Location of Mine: L.S. 7, Sec. 30, Tp. 34,  
Rge. 21, W. 4th Mer.  
Thickness of Seam: 5 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 25 to 75 feet.  
Form of Opening: Slope. Size of Slope:  
5ft. by 5ft. Length of Slope: 100 feet.

BROOKS AREA

Kleenbirn Collieries, Ltd.—Mine No. 1329 8576

Authorized Capital: \$250,000.  
Name of President: James Balfour.  
Names of Directors: James Balfour, C. R.  
Westgate, J. G. Westgate.  
Name of Secretary-Treasurer: J. G. West-  
gate.  
Mine Office: Eyremore, Alberta.  
General Manager: J. G. Westgate.  
Mine Surveyor: Gordon L. Kidd.  
Overman: A. Queen.  
Location of Mine: L.S. 3, Sec. 16, Tp. 17,  
Rge. 17, W. 4th Mer.  
Thickness of Seam: 5 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 120 feet.  
Form of Opening: Slope. Size of Slope:  
6ft. by 6ft. Length of Slope: 336 feet.

Kleenbirn Collieries, Ltd.—Mine No. 1404 21805

Same particulars. St.  
Stripping operation.  
Location of Mine: L.S. 7, Sec. 15, Tp. 17,  
Rge. 17, W. 4th Mer.  
Thickness of Cover: 20 to 25 feet.

CAMROSE AREA

Joe Proskow—Mine No. 241 St.

1125

Mine Office: Dinant, Alberta.  
Overman: J. Proskow.  
Mine Surveyor: David Jones.

Location of Mine: L.S. 3 and 4, Sec. 18,  
Tp. 48, Rge. 19, W. 4th Mer.  
Thickness of Seam: 6 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 15 feet.  
Form of Opening: Stripping operation.

**Stoney Creek Collieries, Ltd.—  
Mine No. 244**

Authorized Capital: \$50,000.  
Name of President: D. Twomey Jr.  
Names of Directors: F. L. Farley, E. M.  
Farley, Alice Twomey, D. Twomey Jr.  
Name of Secretary: F. L. Farley.  
Name of Treasurer: D. Twomey Jr.  
Mine Office: Camrose, Alberta.  
General Manager: D. Twomey Jr.  
Mine Manager: D. O. Roberts.  
Mine Surveyor: David Jones.  
Location of Mine: L.S. 1, Sec. 33, Tp.  
46, Rge. 20, W. 4th Mer.  
Thickness of Seam: 4ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 35 to 80 feet.  
Form of Opening: Slope. Size of Slope:  
6½ft. by 5½ft. Length of Slope:  
150 feet.

**Canadian Dinant Coal Co., Ltd.—Mine  
No. 374 (Now Abandoned)**

Authorized Capital: \$23,020.  
Name of President: Jessie M. Halbert.  
Name of Directors: Jessie M. Halbert,  
James McGuire.  
Name of Secretary: James McGuire.  
Mine Office: Dinant, Alberta.  
General Manager: J. B. Touhey.  
Overman: James Moran.  
Mine Surveyor: L. C. Stevens.  
Location of Mine: L.S. 9, Sec. 12, Tp. 48,  
Rge. 20, W. 4th Mer.  
Thickness of Seam: 5ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 40 feet.  
Form of Opening: Slope. Size of Slope:  
8ft. by 6ft. Length of Slope: 150 feet.

**L. Strilczyk—Mine No. 610**

Mine Office: Ohaton, Alberta.  
Overman: L. Strilczyk.  
Mine Surveyor: David Jones.  
Location of Mine: L.S. 8, Sec. 10, Tp. 48,  
Rge. 18, W. 4th Mer.  
Thickness of Seam: 4 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 18 feet.  
Form of Opening: Stripping operation.

**Red Flame Coal Co., Ltd.—Mine No. 760**

Authorized Capital: \$20,000.  
Name of President: John Russell.  
Names of Directors: John Russell, Alex.  
Russell, R. Shortreed.  
Name of Secretary: R. Shortreed.  
Mine Office: Round Hill, Alberta.  
Mine Manager: John Russell.  
Overman: Mine closed at present.  
Mine Surveyor: David Jones.  
Location of Mine: S.W. ¼ L.S. 7, Sec.  
30, Tp. 48, Rge. 18, W. 4th Mer.  
Thickness of Seam: 6 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 40 feet.  
Form of Opening: Slope. Size of Slope:  
6ft. by 6ft. Length of Slope: 110 feet.

**Red Flame Coal Co., Ltd.—Mine No. 1420**

Same particulars.  
Mine Office: Round Hill, Alberta.  
Mine Manager: John Russell.  
Overman: John Russell.  
Mine Surveyor: David Jones.  
Location of Mine: L.S. 14, Sec. 19, Tp.  
48, Rge. 18, W. 4th Mer.  
Thickness of Seam: 6 feet.  
Inclination of Seam: Horizontal.

Thickness of Cover: 84 feet.  
Form of Opening: Slope. Size of Slope:  
6ft. by 8ft. Length of Slope: 220 feet.

**Geo. Shute & Partners—Mine No. 1524 1479**

Mine Office: Dinant, Alberta.  
Overman: Geo. Shute.  
Mine Surveyor: David Jones.  
Location of Mine: E. ½ Sec. 7, Tp. 48,  
Rge. 19, W. 4th Mer.  
Thickness of Seam: 5 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 17 feet.  
Form of Opening: Stripping operation.

**CARBON AREA**

**Spencer & Dolphin—Mine No. 53 876**

Mine Office: Carbon, Alberta.  
Overman: Murray A. Spencer.  
Mine Surveyor: David Jones.  
Location of Mine: S.W. ¼ L.S. 3, Sec. 14,  
Tp. 29, Rge. 23, W. 4th Mer.  
Thickness of Seam: 4 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 100 feet.  
Form of Opening: Tunnels. Size of  
Tunnels: 6ft. by 7ft.

**Albert Trentham—Mine No. 113**

Mine Office: Three Hills, Alberta.  
Overman: Albert Trentham.  
Mine Surveyor: J. R. Whigham-Teasdale.  
Location of Mine: L.S. 16, Sec. 26, Tp.  
31, Rge. 24, W. 4th Mer.  
Thickness of Seam: 4¾ feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 70 feet.  
Form of Opening: Slope. Size of Slope:  
5ft. by 5ft. Length of Slope: 220 feet.

**Canadian Dinant Coal Co., Ltd.—  
Mine No. 384**

Authorized Capital: \$23,020.  
Name of President: Jessie M. Halbert.  
Names of Directors: Jessie M. Halbert,  
Jas. McGuire.  
Name of Secretary: Jas. McGuire.  
Mine Office: Three Hills, Alberta.  
Manager: Jas. B. Touhey.  
Mine Surveyor: David Jones.  
Overman: Joseph Thompson.  
Location of Mine: L.S. 3, Sec. 36 Tp. 31,  
Rge. 24, W. 4th Mer.  
Thickness of Seam: 5 feet.  
Inclination of Seam: Dips 1% N.  
Thickness of Cover: 160 feet.  
Form of Opening: Shaft. Size of Shaft:  
12ft. by 7ft. 6in. Depth of Shaft:  
160 feet.

**Jas. W. Ryning—Mine No. 690 1726**

Mine Office: Rowley, Alberta.  
Overman: Jas. W. Ryning.  
Mine Surveyor: David Jones.  
Location of Mine: L.S. 4, Sec. 13, Tp. 32,  
Rge. 21, W. 4th Mer.  
Thickness of Seam: 5ft. 3in.  
Inclination of Seam: 1% North.  
Thickness of Cover: 108 feet.  
Form of Opening: Shaft. Size of Shaft:  
6ft. by 8ft. Depth of Shaft: 108 feet.

**Hodgson & Son—Mine No. 694**

Mine Office: Rowley, Alberta.  
Overman: J. R. Hodgson.  
Mine Surveyor: David Jones.  
Location of Mine: N. ½ L.S. 13, Sec. 12,  
Tp. 32, Rge. 21, W. 4th Mer.  
Thickness of Seam: 5 feet.  
Inclination of Seam: Horizontal.  
Form of Opening: Shaft. Size of Shaft:  
5ft. by 5ft. Depth of Shaft: 112 feet.  
Cover: 112 feet.



**4312** **Yard & Son—Mine No. 710**  
 Mine Office: Trochu, Alberta.  
 Overman: Lloyd G. Yard.  
 Mine Surveyor: David Jones.  
 Location of Mine: S.E.  $\frac{1}{4}$  L.S. 9, Sec. 14,  
 Tp. 33, Rge. 23, W. 4th Mer.  
 Thickness of Seam: 5 feet.  
 Inclination of Seam: Dips 1% North.  
 Thickness of Cover: 80 feet.  
 Form of Opening: Drift. Size of Open-  
 ing: 5ft. by 5ft.

**6190** **Peerless Coal Co.—Mine No. 904**  
 Mine Office: Carbon Alberta.  
 Manager: H. R. Brown.  
 Mine Surveyor: H. R. Brown.  
 Location of Mine: L.S. 7, Sec. 16, Tp. 29,  
 Rge. 23, W. 4th Mer.  
 Thickness of Seam: 3ft. 9in. to 4ft.  
 Inclination of Seam: Level.  
 Thickness of Cover: 100 to 200 feet.  
 Form of Opening: Shaft and Slope. Size  
 of Shaft: 86ft. by 12 ft. 6in. Depth of  
 Shaft: 50 feet. Size of Slope: 7ft. by  
 5ft. Length of Slope: 300 feet.

**2578** **Otto Schlender—Mine No. 921**  
 Mine Office: Trochu, Alberta.  
 Overman: Otto Schlender.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 15, Sec. 14, Tp.  
 33, Rge. 23, W. 4th Mer.  
 Thickness of Seam: 5 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 60 feet.  
 Form of Opening: Drift. Size of Drift:  
 7ft. by 5ft.

**10097** **Alfred Fox—Mine No. 1060**  
 (East Carbon Coal Co.)  
 Mine Office: Carbon, Alberta.  
 Overman: Alfred Fox.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 12, 13, Sec. 7,  
 Tp. 29, Rge. 22, W. 4th Mer.  
 Thickness of Seam: 4 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 100 to 200 feet.  
 Form of Opening: Drift. Size of Drift:  
 6ft. by 6ft.

**333** **C. C. Campbell—Mine No. 1226**  
 Mine Office: Trochu, Alberta.  
 Overman: James Wilkinson.  
 Mine Surveyor: L. C. Stevens.  
 Location of Mine: W.  $\frac{1}{2}$  L.S. 9, Sec. 29,  
 Tp. 33, Rge. 22, W. 4th Mer.  
 Thickness of Seam: 5 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 45 to 100 feet.  
 Form of Opening: Level Drift. Size of  
 Opening: 6ft. by 7ft.

**1601** **Halbert Bros.—Mine No. 1283**  
 Mine Office: Trochu, Alberta.  
 Overman: David Halbert.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 8, Sec. 14, Tp.  
 33, Rge. 23, W. 4th Mer.  
 Thickness of Seam: 5 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 30 to 80 feet.  
 Form of Opening: Slope. Size of Slope:  
 5ft. by 6ft. Length of Slope: 150 feet.

**267** **Balogh Bros. (Arctic Coal Co.)**  
 —Mine No. 1359  
 Mine Office: Carbon, Alberta.  
 Overman: Aron Balogh.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 8, Sec. 13, Tp.  
 29, Rge. 23, W. 4th Mer.  
 Thickness of Seam: 4 feet.  
 Inclination of Seam: Horizontal.

Thickness of Cover: 100 to 150 feet.  
 Form of Opening: Drift. Size of Open-  
 ing: 6ft. by 8ft.

**Nuttal & Davidson—Mine No. 1499** **2730**  
 Mine Office: Three Hills, Alberta.  
 Overman: W. M. Davidson.  
 Mine Surveyor: J. R. Whigham, Teas-  
 dale.  
 Location of Mine: L.S. 1, Sec. 9, Tp. 31,  
 Rge. 22, W. 4th Mer.  
 Thickness of Seam: 4½ feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 8 to 25 feet.  
 Form of Opening: Stripping operation.

**Walter Pastorchuk—Mine No. 1538** **5081**  
 Mine Office: Three Hills, Alberta.  
 Overman: W. Pastorchuk.  
 Mine Surveyor: Gordon L. Kidd.  
 Location of Mine: S.E.  $\frac{1}{4}$  L.S. 10, Sec. 9,  
 Tp. 31, Rge. 22, W. 4th Mer.  
 Thickness of Seam: 4½ feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 15 to 30 feet.  
 Form of Opening: Stripping operation.

#### CASCADE AREA

**The Canmore Mines, Ltd.—Mine No. 2** **341293**  
 Authorized Capital: \$1,000,000.  
 Name of President: Edmund Hayes.  
 Names of Directors: B. Frank Crane, F.  
 E. Weyerhaeuser, A. C. Smith, W. R.  
 Stewart, R. M. Young, L. S. Headley.  
 Name of Secretary: J. E. A. MacLeod.  
 Name of Treasurer: Louis S. Headley.  
 Mine Office: Canmore, Alberta.  
 General Manager: R. M. Young.  
 Mine Manager: W. Wilson.  
 Mine Surveyor: C. S. Dewis.  
 Overmen: Jos. Cole, H. Musgrove.  
 Firebosses: W. S. Appleby, J. Brown, M.  
 Carmichael, A. Fox, A. Knudson,  
 A. Kowal, W. P. Lytkowski, W. Monk-  
 ton, V. Mrokwia Jr., J. Miskow, H.  
 Niskanen, L. Riordan, B. Rogers, J.  
 Wardrop.  
 Location of Mine: N.E.  $\frac{1}{4}$  L.S. 1, Sec.  
 29, Tp. 24, Rge. 10, W. 5th Mer.  
 Thickness of Seams: Morris Seam, 8 feet;  
 Stewart Seam, 4ft. to 8ft.; No. 4 Seam,  
 10ft. to 11ft.  
 Inclination of Seams: Average 15 degrees.  
 Thickness of Cover: 350 to 1,000 feet.  
 Form of Opening: Slope. Size of Slope:  
 Stewart and Morris, 16ft. by 8ft.;  
 No. 4 Seam, 16ft. by 8ft.-13ft.  
 Length of Slopes: Stewart and Morris,  
 700 feet; No. 4 Seam, 1,500 feet.

**Frank Wheatley & Sons—Mine No. 1244** **2183**  
 Mine Office: Banff, Alberta.  
 Mine Manager: F. M. Wheatley.  
 Mine Surveyor: L. C. Stevens.  
 Location of Mine: L.S. 12, Sec. 4, Tp. 26,  
 Rge. 11, W. 5th Mer.  
 Thickness of Seam: 9 feet.  
 Inclination of Seam: 35-45 degrees.  
 Thickness of Cover: 400 feet.  
 Form of Opening: Tunnel.

#### CASTOR AREA

**John Tyrlik—Mine No. 251** **688**  
 Mine Office: Heisler, Alberta.  
 Overman: John Tyrlik.  
 Mine Surveyor: David Jones.  
 Location of Mine: S.W.  $\frac{1}{4}$  L.S. 16, Sec.  
 28, Tp. 42, Rge. 17, W. 4th Mer.  
 Thickness of Seam: 5 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 70 feet.  
 Form of Opening: Tunnel. Size of Open-  
 ing: 6ft. by 7ft.

641 E. L. Bignell—Mine No. 289  
 Mine Office: Gadsby, Alberta.  
 Overman: E. L. Bignell.  
 Mine Surveyor: David Jones.  
 Location of Mine: N.W.  $\frac{1}{4}$  L.S. 11, Sec. 28, Tp. 39, Rge. 16, W. 4th Mer.  
 Thickness of Seam: 4ft. to 5ft.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 50 feet.  
 Form of Opening: Slope. Size of Slope: 5ft. by 6ft. Length of Slope: 135 feet.

855 James Chiswick—Mine No. 291  
 Mine Office: Gadsby, Alberta.  
 Overman: James Chiswick.  
 Mine Surveyor: David Jones.  
 Location of Mine: S.  $\frac{1}{2}$  L.S. 11, Sec. 28, Tp. 39, Rge. 16, W. 4th Mer.  
 Thickness of Seam: 3 $\frac{1}{2}$  to 4 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 10 to 35 feet.  
 Form of Opening: Slope. Size of Slope: 6ft. by 7ft. Length of Slope: 75 feet.

4017 Max LeGear—Mine No. 447  
 Mine Office: Forestburg, Alberta.  
 Overman: Max LeGear.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 13, Sec. 28, Tp. 40, Rge. 15, W. 4th Mer.  
 Thickness of Seam: 7ft. 6in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 15 to 30 feet.  
 Form of Opening: Shaft. Size of Shaft: 5ft. by 6ft. Depth of Shaft: 30 feet.

2736 E. W. Simmons—Mine No. 666 ST.  
 Mine Office: Forestburg, Alberta.  
 Overman: E. W. Simmons.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 16, Sec. 2, Tp. 41, Rge. 16, W. of 4th Mer.  
 Thickness of Seam: 4 to 5 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 40 feet.  
 Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

4347 O. V. Remillard—Mine No. 902  
 Mine Office: Castor, Alberta.  
 Overman: O. V. Remillard.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 16, Sec. 33, Tp. 37, Rge. 14, W. 4th Mer.  
 Thickness of Seam: 4 to 5 ft.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 45 feet.  
 Form of Opening: Slope. Size of Slope: 5ft. by 6ft. Length of Slope: 95 feet.

1504 F. G. Meek—Mine No. 911  
 Mine Office: Heisler, Alberta.  
 Overman: F. G. Meek.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 1, Sec. 33, Tp. 42, Rge. 17, W. 4th Mer.  
 Thickness of Seam: 4 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 20 to 75 feet.  
 Form of Opening: Slope. Size of Slope: 6ft. by 6ft. Length of Slope: 104 feet.

1215 BEN Hronek—Mine No. 913  
 Mine Office: Halkirk, Alberta.  
 Overman: Ben Hronek.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 1, Sec. 7, Tp. 39, Rge. 15, W. 4th Mer.  
 Thickness of Seam: 6 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 40 to 80 feet.  
 Form of Opening: Slope. Size of Slope: 6ft. by 6ft. Length of Slope: 142 feet.

C. H. Hanson—Mine No. 948 627  
 Mine Office: Rosalind, Alberta.  
 Overman: Daniel Colonel.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 6, Sec. 8, Tp. 43, Rge. 17, W. 4th Mer.  
 Thickness of Seam: 4 $\frac{1}{2}$  feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 50 feet.  
 Form of Opening: Slope. Size of Slope: 6ft. by 8ft. Length of Slope: 100 feet.

O'Brien & Davis—Mine No. 953 1049  
 Mine Office: Forestburg, Alberta.  
 Overman: A. O'Brien.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 1 and 8, Sec. 32, Tp. 40, Rge. 15, W. 4th Mer.  
 Thickness of Seam: 8 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 34 feet.  
 Form of Opening: Shaft. Size of Shaft: 5 ft. by 5ft. Depth of Shaft: 34 feet.

J. F. Cordel—Mine No. 1046 1521  
 Mine Office: Halkirk, Alberta.  
 Overman: J. H. Ainsworth.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 6, Sec. 20, Tp. 40, Rge. 15, W. 4th Mer.  
 Thickness of Seam: 8 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 25 to 40 feet.  
 Form of Opening: Slope. Length of Slope: 125 feet.

Chas. Strader—Mine No. 1062 1169  
 Mine Office: Halkirk, Alberta.  
 Overman: Chas. Strader.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 4, Sec. 17, Tp. 39, Rge. 15, W. 4th Mer.  
 Thickness of Seam: 5 $\frac{1}{4}$  feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 35 to 75 feet.  
 Form of Opening: Drift. Size of Drift: 6ft. by 8ft.

Albert Young—Mine No. 1232 1340  
 Mine Office: Halkirk, Alberta.  
 Overman: Albert Young.  
 Mine Surveyor: David Jones.  
 Location of Mine: N.W.  $\frac{1}{4}$ , Sec. 25, Tp. 40, Rge. 16, W. 4th Mer.  
 Thickness of Seam: 7 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 20 to 150 feet.  
 Form of Opening: Tunnel. Size of Tunnel: 7ft. by 7ft.

William T. Phillips—Mine No. 1240 933  
 Mine Office: Castor, Alberta.  
 Overman: W. T. Phillips.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 1 and 2, Sec. 4, Tp. 38, Rge. 14, W. 4th Mer.  
 Thickness of Seam: 4 $\frac{1}{2}$  feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 46 feet.  
 Form of Opening: Slope. Size of Slope: 5ft. by 5ft. Length of Slope: 150 feet.

Thomas Mitchinson—Mine No. 1248 1378  
 Mine Office: Donalda, Alberta.  
 Overman: Thomas Mitchinson.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 5, Sec. 29, Tp. 41, Rge. 17, W. 4th Mer.  
 Thickness of Seam: 4 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 25 to 150 feet.  
 Form of Opening: Drift. Size of Opening: 6ft. by 8ft.

**62 Joseph Haden—Mine No. 1343**

Mine Office: Castor, Alberta. *St.*  
 Overman: Joseph Haden.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 3 and 6, Sec. 3,  
 Tp. 38, Rge. 14, W. 4th Mer.  
 Thickness of Seam: 6 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 20 feet.  
 Stripping operation.

**929 R. Janke—Mine No. 1349**

Mine Office: Foreman, Alberta. *St. + mine*  
 Overman: F. Ewing.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 16, Sec. 26, Tp.  
 40, Rge. 16, W. 4th Mer.  
 Thickness of Seam: 6½ feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 60 feet.  
 Form of Opening: Drift. Size of Drift:  
 6ft. by 8ft.

**1308 Mrs. Dan Shaw—Mine No. 1361**

Mine Office: Castor, Alberta.  
 Overman: Thomas Shaw.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 9, Sec. 33, Tp. 37,  
 Rge. 14, W. 4th Mer.  
 Thickness of Seam: 4ft. 4in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 60 feet.  
 Form of Opening: Slope. Size of Slope:  
 5ft. by 5ft. Length of Slope: 124 feet.

**3602 J. F. Barnes—Mine No. 1417**

Mine Office: Castor, Alberta.  
 Overman: J. F. Barnes.  
 Mine Surveyor: David Jones.  
 Location of Mine: N. ½ L.S. 6 and 14,  
 Sec. 34, Tp. 37, Rge. 14, W. 4th Mer.  
 Thickness of Seam: 5 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 30 to 60 feet.  
 Form of Opening: Slope. Size of Slope:  
 5ft. by 5ft. Length of Slope: 120 feet.

**1579 Edwin Lien—Mine No. 1435**

Mine Office: Edberg, Alberta.  
 Overman: Arthur Mitchinson.  
 Mine Surveyor: David Jones.  
 Location of Mine: S. ½ L.S. 11, Sec. 2,  
 Tp. 44, Rge. 19, W. 4th Mer.  
 Thickness of Seam: 4ft. 8in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 75 feet.  
 Form of Opening: Drift. Size of Drift:  
 5ft. by 6ft.

**Marshall & Heisz Coal Co.  
—Mine No. 1441**

**1876** Mine Office: R.R. No. 1, Donalda,  
 Alberta.  
 Overman: J. W. Marshall.  
 Mine Surveyor: J. W. Marshall.  
 Location of Mine: L.S. 12, Sec. 16, Tp.  
 42, Rge. 17, W. 4th Mer.  
 Thickness of Seam: 10ft. 10in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 128 feet.  
 Form of Opening: Drift. Size of Open-  
 ing: 7ft. by 6ft.

**Daniel Colonel—Mine No. 1475**

*closed* **43** Mine Office: Edberg, Alberta.  
 Overman: D. Colonel.  
 Mine Surveyor: L. C. Stevens.  
 Location of Mine: L.S. 3, Sec. 18, Tp. 44,  
 Rge. 19, W. 4th Mer.  
 Thickness of Seam: 3½ feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 50 to 75 feet.  
 Form of Opening: Tunnel. Size of Open-  
 ing: 5ft. by 6ft.

**F. N. Wiltse—Mine No. 1485 3445**

Mine Office: Halkirk, Alberta.  
 Overman: F. N. Wiltse.  
 Mine Surveyor: David Jones.  
 Location of Mine: N. ½ L.S. 9, S. ½ L.S.  
 16, Sec. 31, Tp. 39, Rge. 15, W. 4th  
 Mer.  
 Thickness of Seam: 5ft. 8in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 50 to 70 feet.  
 Form of Opening: Tunnel. Size of Open-  
 ing: 5ft. by 6ft.

**H. C. Muncy—Mine No. 1541 7760**

Mine Office: Foreman, Alberta.  
 Overman: H. C. Muncy.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 15, Sec. 26, Tp.  
 40, Rge. 16, W. 4th Mer.  
 Thickness of Seam: 6 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 65 feet.  
 Form of Opening: Shaft. Size of Shaft:  
 5ft. by 5ft. 6in. Depth of Shaft:  
 65 feet.

**Williams & Vikse Bros.—Mine No. 1542**

*closed* Mine Office: Donalda, Alberta.  
 Mine Surveyor: David Jones.  
 Overman: Tony Larson.  
 Location of Mine: L.S. 2, Sec. 33, Tp. 41,  
 Rge. 17, W. 4th Mer.  
 Thickness of Seam: 4½ feet.  
 Inclination of Seam: Horizontal.  
 Form of Opening: Drift. Size of Open-  
 ing: 5ft. by 6ft.

**Frank E. Wilkinson—Mine No. 1572 1404**

Mine Office: Donalda, Alberta.  
 Overman: Nicholas Fry.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 5, Sec. 28, Tp. 41,  
 Rge. 17, W. 4th Mer.  
 Thickness of Seam: 5ft. 3in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 50 to 150 feet.  
 Form of Opening: Drift. Size of Open-  
 ing: 5ft. by 5ft.

**Bish Bros.—Mine No. 1578**

**9134** Mine Office: Forestburg, Alberta.  
 Overman: H. B. Campbell.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 15, Sec. 36, Tp. 40,  
 Rge. 16, W. 4th Mer.  
 Thickness of Seam: 7 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 38 feet.  
 Form of Opening: Shaft. Size of Shaft:  
 5ft. by 7ft. Depth of Shaft: 40 feet.

**J. J. Mills—Mine No. 1587**

**3071** Mine Office: Heisler, Alberta.  
 Overman: J. J. Mills.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 5, Sec. 22, Tp. 42,  
 Rge. 17, W. 4th Mer.  
 Thickness of Seam: 8 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 75 feet.  
 Form of Opening: Slope. Size of Slope:  
 6½ft. by 7ft.

**CHAMPION AREA****Fraser & Sons—Mine No. 758 1327**

Mine Office: Carmanagay, Alberta.  
 Overman: A. Fraser.  
 Mine Surveyor: J. F. Hamilton.  
 Location of Mine: N.W. ¼ L.S. 14, Sec.  
 25, Tp. 14, Rge. 22, W. 4th Mer.  
 Thickness of Seam: 2ft. to 2½ft.  
 Inclination of Seam: Undulating.  
 Thickness of Cover: 85 feet.  
 Form of Opening: Drift.

2293

*Abandoned*  
**Mrs. Aline Herbaut—Mine No. 1273**  
 Mine Office: Champion, Alberta.  
 Overman: Geo. H. Duquesne.  
 Mine Surveyor: J. F. Hamilton.  
 Location of Mine: L.S. 14, Sec. 33, Tp. 15,  
 Rge. 23, W. 4th Mer.  
 Thickness of Seam: 3½ feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 65 feet.  
 Form of Opening: Slope. Size of Slope:  
 5ft. by 5ft. Length of Slope: 136 feet.

4720

**A. M. S. McGaw—Mine No. 1509**  
 Mine Office: Champion, Alberta.  
 Overman: A. M. S. McGaw.  
 Mine Surveyor: J. F. Hamilton.  
 Location of Mine: L.S. 16, Sec. 33, Tp.  
 15, Rge. 23, W. 4th Mer.  
 Thickness of Seam: 3ft. to 3ft. 4in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 65 feet.  
 Form of Opening: Slope. Size of Slope:  
 6ft. by 5ft. Length of Slope: 155 feet.

3436

**Mike Popovich—Mine No. 1565**  
 Mine Office: Champion, Alberta.  
 Overman: W. E. Watkins.  
 Mine Surveyor: J. F. Hamilton.  
 Location of Mine: L.S. 9, Sec. 8, Tp. 16,  
 Rge. 23, W. 4th Mer.  
 Thickness of Seam: 3ft. 8in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 105 feet.  
 Form of Opening: Slope. Size of Slope:  
 6ft. by 6ft. Length of Slope: 250 feet.

## COALSPUR AREA

170755

**The Sterling Collieries Co., Ltd.—  
 Mine No. 769**  
 Authorized Capital: \$500,000.  
 Name of President: R. H. Munson.  
 Names of Directors: C. B. Munson, R. H.  
 Milner, W. F. Stevenson, S. W. Field,  
 F. J. Mitchell.  
 Name of Sec.-Treasurer: F. J. Mitchell.  
 Head Office: 912 McLeod Building, Ed-  
 monton, Alberta.  
 Mine Office: Sterco, Alberta.  
 General Manager: W. F. Stevenson.  
 Mine Surveyor: R. H. Watson.  
 Location of Mine: L.S. 12, Sec. 35, Tp.  
 47, Rge. 20, W. 5th Mer.  
 Thickness of Seam: 50 to 120 feet.  
 Thickness of Cover: 15 to 75 feet.  
 Open pit strip operation.

90456

**The Foothills Collieries, Ltd.—  
 Mine No. 771**  
 Authorized Capital: \$300,000.  
 Name of President: A. E. Windatt.  
 Names of Directors: E. H. Bennest, Vice-  
 Pres. Hon. S. R. Vereker, F. S. An-  
 drews, H. Wallace.  
 Name of Sec.-Treasurer: C. D. Shepard.  
 Office of Secretary: 222 Portage Ave.,  
 Winnipeg, Man.  
 Mine Office: Foothills, Alberta.  
 General Manager: A. E. Windatt.  
 Asst. General Manager: W. L. Hammett.  
 Mine Manager: J. A. McLenhan.  
 Mine Surveyor: L. C. Stevens.  
 Overman: G. E. Deere.  
 Firebosses: J. E. Mitchell, P. Kiernan, E.  
 Griffiths.  
 Location of Mine: L.S. 10, Sec. 24, Tp. 47,  
 Rge. 20, W. 5th Mer.  
 Thickness of Seam: 9 feet.  
 Inclination of Seam: 20 to 25 degrees.  
 Thickness of Cover: 820 feet.  
 Form of Opening: Slope. Size of Slope:  
 10ft. by 12ft. Length of Slope: 1,650  
 feet.

76135

**Lakeside Coals, Ltd.—Mine No. 775**  
 Authorized Capital: \$660,000.  
 Name of President: E. A. McBain.

Names of Directors: E. A. McBain, W. W.  
 McBain, W. A. McBain, Wm. Foster.  
 Name of Secretary: W. A. McBain.  
 Head Office: 93rd St. and Jasper Ave.,  
 Edmonton, Alberta.  
 Mine Office: Robb, Alberta.  
 Mine Surveyor: William Foster.  
 Mine Manager: William Foster.  
 Overman: Dan Jones.  
 Firebosses: W. Birrell, Wm. Thirlwell,  
 Ed. Bryant, Wm. Harrop.  
 Location of Mine: L.S. 3, Sec. 14, Tp. 49,  
 Rge. 21, W. 5th Mer.  
 Thickness of Seam: 8ft. 6in.  
 Inclination of Seam: 32 degrees.  
 Thickness of Cover: 800 feet.  
 Form of Opening: Slope. Size of Slope:  
 8ft. by 11ft. Length of Slope: 1,200  
 feet.

McLeod River Hard Coal Co. (1941),  
 Ltd.—Mine No. 846

18307

Authorized Capital: 100,000 shares with-  
 out nominal or par value.  
 Name of President: John A. Boyd.  
 Names of Directors: J. A. Boyd, R. W.  
 Steele, Arthur Cross, George Kidd,  
 Gordon Cockshutt.  
 Name of Sec.-Treasurer: S. V. Isaacson.  
 Head Office: Toronto, Ont.  
 Mine Office: Mercoal, Alberta.  
 General Manager: H. R. Plommer.  
 Mine Manager: Harry Wilton Clark.  
 Mine Surveyor: Harry Wilton Clark.  
 Overmen: E. Jones, J. Hall.  
 Firebosses: E. Fregren, J. Herpshaw, N.  
 Morrison, J. Parry, A. Reynolds.  
 Location of Mine: L.S. 5, Sec. 25, Tp. 48,  
 Rge. 22, W. 5th Mer.  
 Thickness of Seam: 11 feet.  
 Inclination of Seam: 33 degrees.  
 Thickness of Cover: 600 feet.  
 Form of Opening: Slope. Size of Open-  
 ing: 6ft. by 8ft. Length of Slope:  
 1,000 feet.

Coal Valley Mining Co., Ltd.—  
 Mine No. 1002

181135

Authorized Capital: \$1,000,000.  
 Names of President: (Mrs.) Annette L.  
 Barry.  
 Names of Directors: Mrs. A. L. Barry,  
 P. H. Cote, A. J. McCormack, Hon.  
 A. Blais, M.D., C. E. Davignon, E. T.  
 Bishop, K.C., C. H. Branchaud, G. A.  
 Thibault.  
 Name of Sec.-Treasurer: Paul H. Cote.  
 Head Office: 705 McLeod Building, Ed-  
 monton, Alberta.  
 Mine Office: Coal Valley, Alberta.  
 General Manager: Mrs. A. L. Barry.  
 Mining Engineer and Surveyor: L. G.  
 Chavignaud.  
 Location of Mine: L.S. 16, Sec. 26, Tp.  
 47, Rge. 20, W. 5th Mer.  
 Thickness of Seam: Indefinite.  
 Thickness of Cover: 15 to 75 feet.  
 Stripping operation.

**Thirty-two Collieries, Ltd.—Mine No. 1157**  
 Authorized Capital: \$100,000.00.  
 Name of President: David Millar.  
 Names of Directors: D. Millar, A. M.  
 Matheson, B. A. Ogilvie.  
 Name of Secretary: A. M. Matheson.  
 Head Office: 308 Agency Building, Ed-  
 monton, Alberta.  
 Mine Office: Mile 32, Robb, Alberta.  
 Mine Manager: David Millar.  
 Location of Mine: L. S. 11, Sec. 15, Tp.  
 49, Rge. 21, W. 5th Mer.  
 Mine Surveyor: L. C. Stevens.  
 Thickness of Seam: 10ft. 8in.  
 Inclination of Seam: 36°40'.  
 Thickness of Cover: 450 feet.  
 Form of Opening: Slope. Size of Slope:  
 9ft. by 12ft. Length of Slope: 500 feet.

1153

## CROWSNEST AREA

326212 West Canadian Collieries, Ltd.—  
Mine No. 87  
Authorized Capital: \$3,600,000.  
Name of President: Edouard Rasson.  
Names of Directors: Albert E. Whitmore, Hon. Chas. Dunning, Da Silva Ramos, De Gaspe Beaubien.  
Name of Sec.-Treasurer: J. A. Brusset.  
Head Office: 833 Salisbury House, London, E.C. 2, England.  
Mine Office: Bellevue, Alberta.  
General Manager: J. A. Brusset.  
Mining Manager: M. H. Congdon.  
Mining Engineers or Surveyors: F. W. Utley and R. G. Foot.  
Overman: Dan Rees.  
Firebosses: H. Smith, D. Hutton, J. Shevels, W. Prescott, S. Richards, J. R. McLeod, H. Kaye, K. Wollney, D. Morris, I. Hutton, C. Young, G. Cousens, A. Grant, A. Emmerson.  
Location of Mine: L.S. 10, Sec. 20, Tp. 7, Rge. 3, W. 5th Mer.  
Thickness of Seam: 12 feet.  
Inclination of Seam: 10 to 48 degrees.  
Thickness of Cover: 775 feet.  
Form of Opening: Adit level.

428736 International Coal & Coke Co., Ltd.—  
Mine No. 88  
Authorized Capital: \$3,000,000.  
Name of President: Lorne A. Campbell.  
Names of Directors: L. A. Campbell, Hugh Davidson, H. A. Howard, G. M. Warren, A. F. Short, James Black, W. M. Lindsay, A. L. Johanson.  
Name of Secretary: A. F. Short.  
Name of Treasurer: J. Emmerson.  
Superintendent: J. J. McIntyre.  
Mining Manager: James Kellock.  
Mining Surveyor: A. A. Fraser.  
Overman: A. J. Brown.  
Firebosses: N. Fleming, J. C. Richards, T. Flynn, A. Jones, J. Moore, B. Bond, A. Tiberghien, H. Hillary, W. Fraser Jr., J. Davies, J. Marconi, T. Mitchell.  
Location of Mine: L.S. 11, Sec. 8, Tp. 8, Rge. 4, W. 5th Mer.  
Thickness of Seams: No. 2 Seam, 11ft.; No. 4 Seam, 5ft.  
Inclination of Seam: 30 degrees.  
Thickness of Cover: 1,200 feet.  
Form of Opening: Rock tunnel. Size of Opening: 6ft. by 9ft. Length of Slope: 2,400 feet.

272085 Hillcrest-Mohawk Collieries, Ltd.—  
Mine No. 133  
Authorized Capital: \$1,250,000.  
Name of President: Frank J. Turville.  
Names of Directors: Frank J. Turville, T. M. Carlyle, W. L. Carlyle, Geo. Montgomery, F. J. Harquail, Eric Richardson, A. J. Davies, A. C. Johnson.  
Name of Secretary: Frank J. Harquail.  
Name of Joint Treasurers: Eric Richardson and F. J. Harquail.  
Head Office: 903 Lancaster Building, Calgary, Alberta.  
Mine Office: Bellevue, Alberta.  
General Manager: W. L. Carlyle.  
Manager: D. B. Young.  
Mining Manager: Henry Miller.  
Mining Surveyor: M. Piard.  
Overman: J. Ironmonger.  
Firebosses: Jas. Sinclair, Alfred White, John Shearer, Terrence Smith, John McDade, Richard Clarke, Ernest Fisher, John Curry, Dan Kyle, Joe Hillary.  
Location of Mine: S.E. ¼ Sec. 21, Tp. 7, Rge. 3, W. 5th Mer.  
Thickness of Seam: 10 to 16 feet.

Inclination of Seam: 10 to 45°.  
Thickness of Cover: 1,000 feet.  
Form of Opening: Rock tunnel.

McGillivray Creek Coal & Coke Co., Ltd.—  
Mine No. 204

268708  
Authorized Capital: \$3,000,000.  
Name of President: Lorne A. Campbell.  
Names of Directors: L. A. Campbell, H. A. Thoeny, H. A. Howard, G. M. Warren, W. M. Lindsay, A. L. Johnson, A. F. Short.  
Name of Secretary: A. F. Short.  
Name of Treasurer: S. C. Short.  
Mine Office: Coleman, Alberta.  
Vice-President: A. F. Short.  
Mining Manager: L. M. McDonald.  
Mining Surveyor: A. E. Graham.  
Overman: H. Hulbert and J. Jackson Sr.  
Firebosses: E. Allen, A. Beveridge, A. Galbraith, W. Hopkins, A. Hughes, I. A. James, R. Morris, A. McCulloch, T. McGregor, R. Parry, A. Rear, P. Smith.

Location of Mine: S.W. ¼ L.S. 2, Sec. 17, Tp. 8, Rge. 4, W. 5th Mer.  
Thickness of Seam: 10 feet.  
Inclination of Seam: 25 degrees.  
Thickness of Cover: 1,600 feet.  
Form of Opening: Slope. Size of Slope: 7ft. by 10 ft. Length of Slope: 3,800 feet.

B. A. Wilson (Christie Coal Mine)  
—Mine No. 295

3228  
Mine Office: Pincher Creek, Alberta.  
General Manager: M. G. Rhynas.  
Mining Surveyor: M. G. Rhynas.  
Overman: Matt. Wood.  
Location of Mine: L.S. 11, Sec. 10, Tp. 5, Rge. 1, W. 5th Mer.  
Thickness of Seam: 7ft. average.  
Inclination of Seam: 25-35 degrees.  
Thickness of Cover: 250 feet.  
Form of Opening: Rock tunnel. Size of Opening: 6ft. by 8ft.

West Canadian Collieries, Ltd.—  
Mine No. 396

657035  
Same particulars as for Mine No. 87.  
Mine Office: Blairmore, Alberta.  
Mining Manager: Harry Blake.  
Mining Surveyor: Thomas Morgan.  
Overman: Marshall T. Hamilton.  
Firebosses: S. Patterson, W. North, C. C. Millar, John McAndrew Jr., Wm. Patterson, Stanley Price, Chas. Cartwright, John Patterson, A. Womersley, John Maddison, James Lloyd, R. Draper, M. Ashacker.  
Location of Mine: L.S. 10, Sec. 2, Tp. 8, Rge. 4, W. 5th Mer.  
Thickness of Seam: 5 to 16 feet.  
Inclination of Seam: 40 degrees.  
Thickness of Cover: 1,000 feet.  
Form of Opening: Adit level.

West Canadian Collieries, Ltd.—  
Mine No. 1584

6370  
Same particulars.  
Mining Manager: N. McDonald.  
Mine Office: Bellevue.  
Location of Mine: L.S. 15, Sec. 31, Tp. 6, Rge. 3, W. 5th Mer.  
New mine, preliminary work only.

## DRUMHELLER AREA

Rosedale Collieries, Ltd.—Mine No. 346  
Authorized Capital: 20,000 shares, no par value.  
Name of President: John R. Brodie.  
Names of Directors: J. R. Brodie, B. C. Parker, H. F. Liggins, F. H. Nord, J. F. Harvie.

96164

Name of Sec.-Treasurer: J. Frank Harvie.  
Head Office: 909 Lancaster Building,  
Calgary, Alberta.  
Mine Office: Rosedale, Alberta.  
Manager: Thos. O'Donnell.  
Mine Manager: William Barclay.  
Mine Surveyor: Thos. O'Donnell.  
Overman: D. Jones.  
Firebosses: T. McDonald, J. Gallagher,  
W. Hibbert, A. Rappell.  
Location of Mine: L.S. 14, Sec. 28, Tp.  
28, Rge. 19, W. 4th Mer.  
Thickness of Seam: 4 to 5 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 150 feet.  
Form of Opening: Shaft. Size of Shaft:  
11 ft. by 15 ft. Depth of Shaft: 45 ft.

#### Midland Coal Mining Co., Ltd.

—Mine No. 367

Authorized Capital: \$50,000.  
Name of President and Managing Director:  
Mrs. S. L. McMullen.  
Names of Directors: Mrs. S. L. McMullen,  
G. T. Richards, W. R. Sandercock.  
Name of Secretary: S. G. McMullen.  
Head Office: Drumheller, Alberta.  
Mine Office: Midlandvale, Alberta.  
General Manager: G. T. Richards.  
Mine Manager: A. G. Macaulay.  
Mine Surveyor: A. G. Macaulay.  
Overman: J. McCutcheon.  
Firebosses: M. Morel, W. B. Henry, H.  
Looten, J. Oxbury, A. McKinnon, M.  
Bobrosky, T. Gibson.  
Location of Mine: L.S. 10 and 11, Sec. 9,  
Tp. 29, Rge. 20, W. 4th Mer.  
Thickness of Seam: 5ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: Up to 520 feet.  
Form of Opening: Shaft. Size of Shaft:  
9ft. by 19ft. Depth of Shaft: 135 feet.

#### Red Deer Valley Coal Co., Ltd.— Mine No. 402

Authorized Capital: \$347,000.  
Name of President: Miss Edith Howland.  
Names of Directors: Miss Edith Howland,  
W. S. Howland, H. J. Scott.  
Name of Secretary: H. J. Scott.  
Head Office: 227a 8th Ave. W., Calgary,  
Alberta.  
Mine Office: Nacmine, Alberta.  
General Manager: H. J. Scott.  
Managing Director: W. S. Howland.  
Mine Manager: Idwal N. Potter.  
Mine Surveyor: Gordon L. Kidd.  
Overmen: George Lavis, Robert Dunn.  
Firebosses: R. Clack, H. Potter, G. Cum-  
berford, M. Trevelthine, J. Young.  
Location of Mine: N.E. ¼ Rd. Allow.  
Sec. 7, Tp. 29, Rge. 20, W. 4th Mer.  
Thickness of Seam: 5 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: Up to 550 feet.  
Form of Opening: Shaft. Size of Shaft:  
15ft. by 8ft. Depth of Shaft: 185 feet.

#### Commander Coal Co.—Mine No. 422

Authorized Capital: \$20,000.  
Name of President: Dr. O. H. Patrick.  
Names of Directors: Dr. O. H. Patrick,  
L. Patrick, George Eaton, Mrs. Lulu  
F. Patrick, Mrs. G. Patrick, Mrs. L.  
Eaton.  
Name of Secretary: L. Patrick.  
Mine Office: Drumheller, Alberta.  
General Manager: C. C. Cook.  
Mine Manager: D. Mayoh.  
Mine Surveyor: W. Morris.  
Firebosses: A. Keith, C. Boughton, W.  
Morse.  
Location of Mine: L.S. 5, Sec. 9, Tp. 29,  
Rge. 20, W. 4th Mer.  
Thickness of Seam: 5ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: Up to 520 feet.

Form of Opening: Shaft. Size of Shaft:  
14ft. by 8ft. Depth of Shaft: 150 feet.

#### Rosedale Collieries, Ltd.—Mine No. 436

Same particulars as 346.  
Mine Office: Aerial, Alberta.  
Mine Manager: Thos. O'Donnell.  
Mine Surveyor: Thos. O'Donnell.  
Overman: Wm. McFegan.  
Firebosses: I. Radocy and E. Davies.  
Location of Mine: S.E. ¼ L.S. 7, Sec. 28,  
Tp. 28, Rge. 19, W. 4th Mer.  
Thickness of Seam: 5ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 150 feet.  
Form of Opening: Level. Size of Level:  
6ft. by 9ft.

#### Newcastle Collieries, Ltd.—Mine No. 620

Authorized Capital: \$300,000.  
Name of President: G. N. Coyle.  
Name of Vice-President: Wilson Gouge.  
Names of Directors: Jesse Gouge, Wilson  
Gouge, G. N. Coyle.  
Name of Sec.-Treasurer: Jesse Gouge.  
General Manager: Wilson Gouge.  
Mine Office: Drumheller, Alberta.  
Mine Manager: Alan Hamilton.  
Mine Surveyor: A. Hamilton.  
Overman: J. Conlin.  
Firebosses: R. Forshaw, W. Kay, N.  
Blackett, R. Dunn, A. Armstrong.  
Location of Mine: N.W. ¼ Sec. 3, Tp.  
29, Rge. 20, W. 4th Mer.  
Thickness of Seam: 5 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 450 to 490 feet.  
Form of Opening: Shaft. Size of Shaft:  
9ft. by 16ft. Depth of Shaft: 120 feet.

#### Maple Leaf Minerals, Ltd.—Mine No. 728

Authorized Capital: \$500,000.  
Name of President: Wilson Gouge.  
Names of Directors: Wilson Gouge, Jesse  
Gouge, Helen Gibson.  
Name of Sec.-Treasurer: Jesse Gouge.  
Head Office: Drumheller, Alta.  
Mine Office: East Coulee, Alberta.  
General Manager: Jesse Gouge.  
Mine Manager: Robert Tennant.  
Mine Surveyor: Allan Hamilton.  
Overman: Andrew Thompson.  
Firebosses: R. Raisbeck, Robt. Steven-  
son, R. Niblett, W. McFegan.  
Location of Mine: L.S. 13, Sec. 32, Tp.  
27, Rge. 18, W. 4th Mer.  
Thickness of Seam: 5ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: Up to 325 feet.  
Form of Opening: Shaft. Size of Shaft:  
ing: 6ft. by 12ft.

#### Ben Pickering—Mine No. 764

Mine Office: Beynon, Alberta.  
Overman: Ben Pickering.  
Mine Surveyor: Gordon L. Kidd.  
Location of Mine: W. ½ L.S. 2, L.S. 3,  
Sec. 6, Tp. 28, Rge. 20, W. 4th Mer.  
Thickness of Seam: 3ft. 4in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 75 feet.  
Form of Opening: Slope. Size of Slope:  
5ft. by 6ft. Length of Slope: 30 feet.

#### Ideal Coal Co., Ltd.—Mine No. 844

Authorized Capital: \$150,000.  
Name of President: Thomas M. Mc-  
Guckie.  
Name of Director: Thomas M. McGuckie.  
Name of Sec.-Treasurer: Mrs. E. Bandel.  
Mine Office: Wayne, Alberta.  
Mine Surveyor: Duncan McDonald.  
Location of Mine: L.S. 16, Sec. 1, Tp.  
28, Rge. 20, W. 4th Mer.  
Thickness of Seam: 5ft. 5in.  
Inclination of Seam: Horizontal.

Thickness of Cover: 150 feet.  
Form of Opening: Slope. Size of Opening: 8ft. by 14 ft. Length of Slope: 160 feet.

—1117—  
120628 Brilliant Coal Co.—Mine No. 1258  
Mine Office: Drumheller, Alberta.  
Name of Secretary: G. H. Chambers.  
Mine Manager: J. Sandino.  
Overman: J. Saunt.  
Mine Surveyor: Gordon L. Kidd.  
Firebosses: A. Kluzza, J. Zambo.  
Location of Mine: L.S. 14, Sec. 10, Tp. 29, Rge. 20, W. 4th Mer.  
Thickness of Seam: 6 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 450 to 490 feet.  
Form of Opening: Shaft and Slope. Size of Shaft: 8ft. by 8ft. by 12ft. Depth of Shaft: 120 feet. Size of Slope: 6ft. by 9ft. Length of Slope: 425 feet.

4480 Empire Collieries, Ltd.—Mine No. 1279  
Authorized Capital: \$50,000.  
Name of President: J. W. Moyer.  
Names of Directors: J. W. Moyer, M. B. Peacock, E. A. Dunbar, B. K. Bullock, O. G. McNabb.  
Name of Sec.-Treasurer: O. G. McNabb.  
Head Office: 506 Lancaster Building, Calgary, Alberta.  
Mine Office: Willow Creek, Alberta.  
General Manager: J. W. Moyer.  
Mine Manager: J. Thompson.  
Mine Surveyor: L. C. Stevens.  
Overman: R. Stevenson.  
Firebosses: H. Roberts and Alfred Wolff.  
Location of Mine: L.S. 6 and 7, Sec. 7, Tp. 28, Rge. 18, W. 4th Mer.  
Thickness of Seam: 3ft. 4in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 325 feet.  
Form of Opening: Adit 5½ft. by 10ft.

37883 Empire Collieries, Ltd.—Mine No. 1299  
Mine Office: East Coulee, Alberta.  
Mine Manager: Russell Richards.  
Mine Surveyor: Russell Richards.  
Overman: P. Barclay.  
Firebosses: W. Kay and P. Hunt.  
Location of Mine: L.S. 2, Sec. 32, Tp. 27, Rge. 18, W. 4th Mer.  
Thickness of Seam: 5½ feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 325 feet.  
Form of Opening: Adit 5½ft. by 10 ft.

121680 Hy-Grade Coal Mining Co., Ltd.  
—Mine No. 1421  
Authorized Capital: \$100,000.  
Name of President: Robert McKay.  
Names of Directors: Robert McKay, J. G. Dewar, F. J. Whitlock.  
Name of Sec.-Treasurer: F. J. Whitlock.  
Acting General Manager: F. J. Whitlock.  
Mine Manager: John T. Burton.  
Overman: P. J. Murphy.  
Firebosses: W. Mackie, W. Menzies, R. Forshaw, J. Taylor, E. Thomas.  
Location of Mine: L.S. 13, Sec. 11, Tp. 29, Rge. 20, W. 4th Mer.  
Thickness of Seam: 4 to 5 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: Approximately 500 feet.  
Form of Opening: Shaft. Size of Shaft: 9ft. by 15ft. Depth of Shaft, 88 feet.

17824 The Monarch Coal Mining Co., Ltd.  
—Mine No. 1473  
Authorized Capital: \$70,000.  
Name of President: E. A. Lovett.  
Names of Directors: E. A. Lovett, P. R. Shields, T. C. Boyd, E. B. Gibb, H. A. Lovett, K. C.  
Name of Sec.-Treasurer: E. B. Gibb.

Head Office: Wells Block, 405 8th Ave. W., Calgary, Alberta.  
Mine Office: Drumheller, Alberta.  
General Manager: E. A. Lovett.  
Superintendent: James A. Richards.  
Mine Manager: A. Wilson.  
Mine Surveyor: A. Wilson.  
Overman: J. Barrie.  
Firebosses: G. Anderson, H. Darbyshire, M. Stevenson, F. Simpson, J. Fulton, R. Marsarn.  
Location of Mine: L.S. 7, Sec. 8, Tp. 29, Rge. 20, W. 4th Mer.  
Thickness of Seam: 5ft. 8in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 520 feet.  
Form of Opening: Slope. Size of Slope: 6ft. by 9ft. Length of Slope: 600 feet.

Regal Coal Co., Ltd.—Mine No. 1484 129185  
Authorized Capital: \$50,000.  
Name of President: Dr. O. H. Patrick.  
Names of Directors: Dr. O. H. Patrick, L. Patrick, Geo. Eaton, Mrs. L. F. Patrick, Mrs. G. Patrick.  
Name of Secretary: L. Patrick.  
Head Office: 808 Lancaster Building, Calgary, Alberta.  
Mine Office: East Coulee, Alberta.  
General Manager: C. C. Cook.  
Mine Manager: William Morris.  
Mine Surveyor: William Morris.  
Overman: James Quinn.  
Firebosses: A. B. Raisbeck, J. Raisbeck, A. Andrews, R. Chalmers, R. Reissig, J. Bachynski.  
Location of Mine: N.W. ¼ L.S. 13, Sec. 21, Tp. 27, Rge. 18, W. 4th Mer.  
Thickness of Seam: 5ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 325 feet maximum.  
Form of Opening: Drift. Size of Opening: 7ft. by 16ft.

Murray Collieries, Ltd.—Mine No. 1491 171955  
Authorized Capital: \$100,000.  
Name of President: H. K. Reed.  
Names of Directors: H. K. Reed, H. H. McVeigh.  
Name of Sec.-Treasurer: H. K. Reed.  
Head Office: Drumheller, Alberta.  
Mine Office: East Coulee, Alberta.  
General Manager: H. H. McVeigh.  
Mine Manager: Duncan McDonald.  
Mine Surveyor: Gordon L. Kidd.  
Overman: George Nicol.  
Firebosses: J. Cotterill, Robert Steven, Alfred James, R. Bradshaw, Martin Stanko.  
Location of Mine: S.E. ¼ Sec. 29, Tp. 27, Rge. 18, W. 4th Mer.  
Thickness of Seam: 5ft. 2in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 325 feet maximum.  
Form of Opening: Tunnel. Size of Tunnel: 16ft. by 7ft.

Western Gem & Jewel Collieries, Ltd.  
—Mine No. 1493 78093  
Authorized Capital: \$750,000.  
Name of President: W. S. Henderson.  
Names of Directors: J. D. Henderson, Stewart Robertson, W. P. Gamble, W. B. Cromarty, J. F. Baron.  
Name of Sec.-Treasurer: J. D. Henderson.  
Head Office: 227 8th Ave. W., Calgary, Alberta.  
Mine Office: Cambrai P.O., Alberta.  
Managing Director: W. S. Henderson.  
Mine Manager: Henry Miller.  
Mine Surveyor: J. R. Whigham Teasdale.  
Overman: F. Scarpino.  
Firebosses: K. Klatt, T. Coxon, T. Gordon, J. Redpath.  
Location of Mine: N.W. ¼ L.S. 6, Sec. 15, Tp. 28, Rge. 19, W. 4th Mer.

Thickness of Cover: 200 feet.  
 Thickness of Seam: 5 feet.  
 Inclination of Seam: Horizontal.  
 Form of Opening: Drift. Size of Opening: 6ft. by 9ft.

29000 **Aetna Coal Co.—Mine No. 1511**  
 Head Office: East Coulee, Alberta.  
 Mine Office: Rosedale Ferry, Alberta.  
 Mine Surveyor: W. Wilson.  
 Mine Manager: P. M. Ramsay.  
 Fireboss: R. Niblett.  
 Location of Mine: L.S. 1, Sec. 22, Tp. 28, Rge. 19, W. 4th Mer.  
 Thickness of Seam: 7 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: Maximum 400 feet.  
 Form of Opening: Drift. Size of Opening: 6ft. by 9ft.

706 **E. B. Foye—Mine No. 1515**  
 Mine Office: Willow Creek, Alberta.  
 Overman: E. B. Foye.  
 Location of Mine: L.S. 10, Sec. 22, Tp. 28, Rge. 18, W. 4th Mer.  
 Thickness of Seam: 3½ feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 400 feet.  
 Form of Opening: Slope. Size of Slope: 5ft. by 6ft. Length of Slope: 100 feet.

19840 **The Minute Coal Co.—Mine No. 1520**  
 Name of Sec.-Treasurer: J. A. McKenzie.  
 Mine Office: Drumheller, Alberta.  
 General Manager: J. A. McKenzie.  
 Mine Surveyor: A. G. Macaulay.  
 Overman: B. T. Brooks.  
 Location of Mine: L.S. 7, Sec. 14, Tp. 29, Rge. 20, W. 4th Mer.  
 Thickness of Seam: 5ft. 6in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 200 feet.  
 Form of Opening: Tunnel. Size of Tunnel: 5ft. by 6ft.

13739 **The Monarch Coal Mining Co., Ltd.**  
 —Mine No. 1573  
 Authorized Capital: \$70,000.  
 Name of President: E. A. Lovett.  
 Names of Directors: E. A. Lovett, P. R. Shields, H. A. Lovett, K.C., T. C. Boyd, E. B. Gibb.  
 Name of Sec.-Treasurer: E. B. Gibb.  
 Head Office: Wells Block, 405 8th Ave. W., Calgary, Alberta.  
 Mine Office: Drumheller, Alberta.  
 General Manager: E. A. Lovett.  
 Superintendent: James A. Richards.  
 Mine Surveyor: A. Wilson.  
 Overman: A. Hooks.  
 Firebosses: R. Cowan, I. Folden, P. Hutchison.  
 Location of Mine: L.S. 1, Sec. 20, Tp. 27, Rge. 18, W. 4th Mer.  
 Thickness of Seam: 5ft. 6in. to 6ft.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 400 feet maximum.  
 Form of Opening: Drift. Size of Drift: 6ft. by 9ft.

304 **John Hamilton—Mine No. 1583**  
 Mine Office: Delia, Alberta.  
 Overman: John Hamilton.  
 Mine Surveyor: J. R. Whigham Teasdale.  
 Location of Mine: L.S. 8 and 9, Sec. 23, Tp. 28, Rge. 18, W. 4th Mer.  
 Thickness of Seam: 3ft. 5in.  
 Inclination of Seam: Horizontal.

#### EDMONTON AREA

6095 **White Star Coal Mine (Smith & Muraca)**  
 —Mine No. 29  
 Head Office: 10806 84th Ave., Edmonton, Alberta.  
 Mine Office: South Edmonton, Alberta.

Overman: R. T. Stewart.  
 Mine Surveyor: L. C. Stevens.  
 Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.  
 Thickness of Seam: 4½ to 5½ feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 29 to 125 feet.  
 Form of Opening: Slope. Size of Slope: 5ft. by 7ft. Length of Slope: 100 feet.

78.78 **Ottewell Coal Co.—Mine No. 91**  
 Authorized Capital: \$25,000.  
 Head Office: Clover Bar, Alberta.  
 General Manager: W. J. Ottewell.  
 Mine Surveyor: L. C. Stevens.  
 Overman: Sam Finlay.  
 Location of Mine: S.W. ¼ L.S. 4, Sec. 17, Tp. 53, Rge. 23, W. 4th Mer.  
 Thickness of Seam: 4 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 55 feet.  
 Form of Opening: Shaft. Size of Shaft: 7ft. by 8ft. Depth of Shaft: 55 feet.

61612 **The Great West Coal Co., Ltd.**  
 —Mine No. 99  
 Authorized Capital: \$150,000.  
 Name of President: James C. Dunn.  
 Names of Directors: James C. Dunn, W. S. Cupples, A. C. Dunn.  
 Name of Sec.-Treasurer: Thomas S. Campbell.  
 Head Office: 10117 100A St., Edmonton.  
 Mine Office: Clover Bar, Alberta.  
 Mine Manager: Robert Dalziel.  
 Mine Surveyor: A. C. Dunn.  
 Overman: D. R. Thomas.  
 Firebosses: R. McAndrew, J. Chalmers, A. Johnson, W. Dalziel, J. D. Thomson.  
 Location of Mine: S.E. ¼ L.S. 10, Sec. 7, Tp. 53, Rge. 23, W. 4th Mer.  
 Thickness of Seam: 4 to 7 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 135 feet.  
 Form of Opening: Two shafts and two slopes. Size of Main Slope: 6ft. by 10ft. Length of Slope: 456 feet.

3811 **Alberta Coal Mine (Levi Parker)**  
 —Mine No. 129  
 Mine Office: Cardiff, Alberta.  
 Mine Surveyor: L. C. Stevens.  
 Overman: L. Parker.  
 Fireboss: J. Camarta.  
 Location of Mine: L.S. 16, Sec. 23, Tp. 55, Rge. 25, W. 4th Mer.  
 Thickness of Seam: 7 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 32 feet.  
 Form of Opening: Slope. Size of Slope: 7ft. by 7ft. Length of Slope: 150 feet.

38851 **Dawson Coal, Ltd.—Mine No. 155**  
 Authorized Capital: \$20,000.  
 Name of President: C. A. Hyndman.  
 Names of Directors: C. A. Hyndman, G. O. Norris.  
 Name of Secretary: G. O. Norris.  
 Name of Treasurer: C. A. Hyndman.  
 Head Office: McDougall Court, Edmonton, Alberta.  
 Mine Office: River Lot 25, Edmonton, Alberta.  
 General Manager: C. A. Hyndman.  
 Mine Manager: R. H. Watson.  
 Mine Surveyor: L. C. Stevens.  
 Overman: David Muir.  
 Fireboss: T. Hunter.  
 Location of Mine: River Lot 25, Rifle Range, Edmonton, Alberta.  
 Thickness of Seam: 4 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 114 feet.  
 Form of Opening: Shaft. Size of Shaft: 6ft. by 14ft. Depth of Shaft: 114 feet.



- Legal Coal Mine Co. (F. Chiarello)**  
—Mine No. 351  
1577 Mine Office: Legal, Alberta.  
Mine Surveyor: L. C. Stevens.  
Overman: Frank Chiarello.  
Location of Mine: S.W. ¼ Sec. 25, Tp. 57, Rge. 25, W. 4th Mer.  
Thickness of Seam: 5½ to 6 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 28 feet.  
Form of Opening: Shaft. Size of Opening: 6ft. by 8ft. Depth of Shaft: 28 feet.
- Banner Coals, Ltd.—Mine No. 428**  
1572 Authorized Capital: \$20,000.  
Name of President: J. B. Starkey.  
Names of Directors: Simone Starky, E. A. Mills.  
Name of Secretary: Ethel Mills.  
Head Office: 10631 92nd St., Edmonton, Alberta.  
Mine Office: Carbondale, Alberta.  
General Manager: J. B. Starky.  
Mine Manager: N. Howells.  
Mine Surveyor: L. C. Stevens.  
Overman: James Clyne Jr.  
Location of Mine: L.S. 10, Sec. 8, Tp. 55, Rge. 24, W. 4th Mer.  
Thickness of Seam: 5ft. 3in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 176 feet.  
Form of Opening: Shaft. Size of Shaft: 16ft. by 8t. Depth of Shaft: 176 feet.
- Bush Mines, Ltd.—Mine No. 707**  
53602 Authorized Capital: \$40,000.  
Name of President: J. B. Harper.  
Names of Directors: C. E. Laderoute, H. S. Southgate.  
Name of Sec.-Treasurer: H. S. Southgate.  
Head Office: 108 Agency Building, Edmonton, Alberta.  
Mine Office: Beverly, Alberta.  
General Manager: H. S. Southgate.  
Mine Manager: E. Sparrow.  
Mine Surveyor: L. C. Stevens.  
Overman: E. Sparrow.  
Firebosses: A. Brown, E. Simpson, D. Watson.  
Location of Mine: River Lot 40, Edmonton Settlement.  
Thickness of Seam: 5ft. 4in. to 5ft. 10in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 150 feet.  
Form of Opening: Shaft. Size of Shaft: 7ft. by 18ft. Depth of Shaft: 150 feet.
- Dickinson & Knight—Mine No. 753**  
1772 Mine Office: Carbondale, Alberta.  
Mine Surveyor: David Jones.  
Overman: Wm. Dickinson.  
Location of Mine: L.S. 14, Sec. 8, Tp. 55, Rge. 24, W. 4th Mer.  
Thickness of Seam: 4ft. 8in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 62 feet.  
Form of Opening: Slope. Size of Slope: 5½ft. by 8ft. Length of Slope: 150 ft.
- Black Point Mine (H. Molzan)**  
882 —Mine No. 1034  
Mine Office: Edmonton South, Alberta.  
Mine Surveyor: L. C. Stevens.  
Overman: James Moran.  
Location of Mine: L.S. 6, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.  
Thickness of Seam: 4ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 139 feet.  
Form of Opening: Slope. Size of Slope: 7ft. by 6ft. Length of Slope: 200 feet.
- Long Coal Co., Ltd.—Mine No. 1098** 2806  
Name of President: Mike L. Vitally.  
Name of Director: Mrs. M. L. Vitally.  
Name of Secretary: M. L. Vitally.  
Head Office: 10414 95th St., Edmonton, Alberta.  
Mine Office: Namao, Alberta.  
Mine Surveyor: L. C. Stevens.  
Overman: M. L. Vitally.  
Location of Mine: S.E. ¼ L.S. 4, Sec. 31, Tp. 54, Rge. 24, W. 4th Mer.  
Thickness of Seam: 5ft. 5in. to 7ft.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 85 feet.  
Form of Opening: Drift. Size of Opening: 6ft. by 8ft.
- Mike Sinoski (Blue Point Mine)**  
—Mine No. 1233 7902  
Authorized Capital: \$4,000.  
Name of Sec.-Treasurer: Mike Sinoski.  
Head Office: Box 4042, Edmonton South, Alberta.  
Mine Surveyor: L. C. Stevens.  
Overman: Steve Sinoski.  
Location of Mine: L.S. 5, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.  
Thickness of Seam: 4ft. to 5½ft.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 30 feet.  
Form of Opening: Slope. Size of Slope: 6ft. by 6ft. Length of Slope: 72 feet.
- Edmonton Collieries, Ltd.—Mine No. 1266** 25206  
Authorized Capital: \$20,000.  
Name of President: William G. MacKay.  
Names of Directors: W. C. MacKay, W. G. MacKay, C. C. Down, H. W. Layton.  
Name of Sec.-Treasurer: H. W. Layton.  
Head Office: 1053 101st St, Edmonton, Alberta.  
Mine Office: Namao, Alberta.  
General Manager: W. C. MacKay.  
Mine Surveyor: L. C. Stevens.  
Overman: James Thomson.  
Location of Mine: L.S. 14, Sec. 36, Tp. 54, Rge. 25, W. 4th Mer.  
Thickness of Seam: 7ft. 4in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 92 feet.  
Form of Opening: Slope. Size of Slope: 6ft. by 7ft. Length of Slope: 150 feet.
- Ellerslie Collieries—Mine No. 1297** 284  
Mine Office: R.R. No. 3, Edmonton South, Alberta.  
Mine Surveyor: L. C. Stevens.  
Overman: J. Hutton.  
Location of Mine: L.S. 1, Sec. 26, Tp. 51, Rge. 25, W. 4th Mer.  
Thickness of Seam: 4½ feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 96 feet.  
Form of Opening: Slope. Size of Slope: 6ft. by 8ft. Length of Slope: 200 feet.
- Samis Collieries—Mine No. 1316** 11737  
Name of Secretary: Mrs. O. L. Samis.  
Name of Treasurer: Kenneth E. Samis.  
Mine Office: Namao, Alberta.  
General Manager: Kenneth E. Samis.  
Mine Surveyor: L. C. Stevens.  
Overman: Elmer Fawcett.  
Location of Mine: L.S. 6, Sec. 36, Tp. 54, Rge. 25, W. 4th Mer.  
Thickness of Seam: 7ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 26 to 80 feet.  
Form of Opening: Slope. Size of Slope: 6ft. by 5½ft. Length of Slope: 80 feet.
- Twin City Coal Co., Ltd.—Mine No. 1352** 4121  
Mine Office: Edmonton South, Alberta.  
Name of Mine Manager: S. Fridel.  
Mine Surveyor: L. C. Stevens.

Location of Mine: L.S. 8, Sec. 26, Tp. 51, Rge. 25, W. 4th Mer.  
 Thickness of Seam: 5 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 110 feet.  
 Form of Opening: Shaft. Size of Shaft: 6ft. by 6ft. Depth of Shaft: 110 feet.

17407

**Red Hot Coal Co., Ltd.—Mine No. 1357**  
 Authorized Capital: \$23,000.  
 Name of President: W. Fridel.  
 Name of Sec.-Treasurer: J. Lang.  
 Mine Office: Forest Heights, Edmonton, Alberta.

Mine Surveyor: L. C. Stevens.  
 Overman: John Thomson.  
 Fireboss: C. Crawford.  
 Location of Mine: River Lot 33, Edmonton Settlement.  
 Thickness of Seam: 4 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 66 to 115 feet.  
 Form of Opening: Slope. Size of Slope: 6½ft. by 6ft. Length of Slope: 180 ft.

43256

**Beverly Coal Co., Ltd.—Mine No. 1366**  
 Authorized Capital: \$100,000.  
 Name of President: E. I. Clarke.  
 Names of Directors: E. I. Clarke, E. I. Clarke Jr., Mrs. E. I. Clarke.  
 Name of Secretary: E. I. Clarke Jr.  
 Name of Treasurer: E. I. Clarke.  
 Mine Office: Beverly, Alberta.  
 General Manager: E. I. Clarke.  
 Mine Manager: Thomas Brown.  
 Mine Surveyor: L. C. Stevens.  
 Overman: J. F. Brown.  
 Fireboss: L. A. Williams.  
 Location of Mine: L.S. 6, Sec. 13, Tp. 53, Rge. 24, W. 4th Mer.  
 Thickness of Seam: 4ft. 4in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 160 feet.  
 Form of Opening: Rectangular shaft. Size of Shaft: 8ft. by 14ft. Depth of Shaft: 160 feet.

16748

**Ottewell Coal Company—Mine No. 1393**  
 Authorized Capital: \$25,000.  
 Head Office: Clover Bar, Alberta.  
 General Manager: W. J. Ottewell.  
 Mine Surveyor: L. C. Stevens.  
 Overman: Cedric Ottewell.  
 Location of Mine: Block X N.E. ¼ Sec. 36, Tp. 52, Rge. 24, W. 4th Mer.  
 Thickness of Seam: 4ft. 6in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 85 feet.  
 Form of Opening: Shaft. Size of Shaft: 8ft. by 9ft. Depth of Shaft: 85 feet.

6974

**Pine Creek Coal Co. (Klapstein and Opalinski)—Mine No. 1419**  
 Authorized Capital: \$10,000.  
 Mine Office: R.R. No. 3, Edmonton South, Alberta.  
 General Manager: R. Klapstein.  
 Mine Manager: Bernard Nugent.  
 Mine Surveyor: L. C. Stevens.  
 Location of Mine: L.S. 4, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.  
 Thickness of Seam: 4ft. 6in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 94 to 127 feet.  
 Form of Opening: Shaft. Size of Shaft: 7ft. by 7ft. Depth of Shaft: 94 feet.

57126

**Kent Coal Co., Ltd.—Mine No. 1427**  
 Authorized Capital: \$20,000.  
 Name of President: J. B. Starky.  
 Names of Directors: E. A. Mills and Simone Starky.  
 Name of Secretary: E. A. Mills.  
 Head Office: 10631 92nd St., Edmonton, Alberta.

Mine Office: Cooking Lake Trail, Edmonton South, Alberta.  
 General Manager: J. B. Starky.  
 Mine Manager: W. T. Worthington.  
 Mine Surveyor: L. C. Stevens.  
 Overman: Jack Hutton.  
 Firebosses: J. Reed and Sam Kendrick.  
 Location of Mine: L.S. 4, Sec. 30, Tp. 52, Rge. 23, W. 4th Mer.  
 Thickness of Seam: 3ft. 9in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 168 feet.  
 Form of Opening: Shaft. Size of Shaft: 12ft. by 8ft. Depth of Shaft: 168 feet.

**Riverdale Coal Co., Ltd.—Mine No. 1463**

11246

Authorized Capital: \$10,000.  
 Name of President: John Mather.  
 Names of Directors: John Mather, Ann Mather.  
 Name of Sec.-Treasurer: Ann Mather.  
 Head Office: 10311 Saskatchewan Drive, Edmonton, Alberta.  
 Mine Office: Nmao, Alberta.  
 General Manager: John Mather.  
 Mine Surveyor: David Jones.  
 Fireboss: John Mather Jr.  
 Location of Mine: N.E. Cor. L.S. 14, Sec. 5, Tp. 55, Rge. 24, W. 4th Mer.  
 Thickness of Seam: 5 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 93 feet.  
 Form of Opening: Drift. Size of Drift: 5ft. by 5ft.

**Dickinson, Knight & Dickinson—Mine No. 1476**

2693

Mine Office: Carbondale, Alberta.  
 Mine Surveyor: L. C. Stevens.  
 Overman: Wm. Knight.  
 Location of Mine: N.W. ¼ Sec. 9, Tp. 55, Rge. 24, W. 4th Mer.  
 Thickness of Seam: 5ft. 6in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 42 feet.  
 Form of Opening: Slope. Size of Slope: 6ft. by 8ft. Depth of Slope: 100 feet.

**Acme Coal Mine (John May)—Mine No. 1492**

400

Mine Office: Edmonton South, Alberta.  
 Mine Surveyor: L. C. Stevens.  
 Overman: John May.  
 Location of Mine: L.S. 7, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.  
 Thickness of Seam: 4 to 4½ feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 127 feet.  
 Form of Opening: Shaft. Size of Shaft: 6ft. by 8ft. Depth of Shaft: 127 feet.

**D. J. Gwilliam & Son—Mine No. 1496**

7631

Mine Office: Nmao, Alberta.  
 Mine Surveyor: L. C. Stevens.  
 General Manager: D. J. Gwilliam.  
 Overman: W. E. Williams.  
 Location of Mine: L.S. 3, Sec. 6, Tp. 55, Rge. 24, W. 4th Mer.  
 Thickness of Seam: 6 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 60 feet.  
 Form of Opening: Tunnel. Size of Tunnel: 6ft. by 7ft.

**Bright Service Coal Mine (J. G. Mucha)—Mine No. 1559**

1066

Mine Office: Edmonton South, Alberta.  
 General Manager: J. G. Mucha.  
 Mine Surveyor: R. T. Stewart.  
 Overman: A. H. Horkulak.  
 Location of Mine: L.S. 12, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.  
 Thickness of Seam: 4ft. 6in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 20 to 25 feet.  
 Form of Opening: Slope. Size of Slope: 6ft. by 5½ft. Length of Slope: 50 feet.

**815 Nimko & Senecko—Mine No. 1560**

Mine Office: Edmonton South, Alberta.  
 Mine Surveyor: L. C. Stevens.  
 Overman: P. Kelly.  
 Location of Mine: L.S. 11, Sec. 25, Tp. 51,  
 Rge. 25, W. 4th Mer.  
 Thickness of Seam: 4 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 21 to 50 feet.  
 Form of Opening: Slope. Size of Slope:  
 6ft. by 6ft. Length of Slope: 35 feet.

**1540 Egg Lake Coal Co.—Mine No. 1582**

Mine Office: Morinville, Alberta.  
 Location of Mine: N.E.  $\frac{1}{4}$  Sec. 26, Tp. 56,  
 Rge. 26, W. 4th Mer.  
 Stripping operation.

**GLEICHEN AREA** *a = sec. 33  
b = sec. 16***Blackfoot Indians—Mine No. 72**

*a = 320  
b = 6876*  
 This mine is operated on the Blackfoot Reserve by the Indians, the entire output being disposed of locally. This Reserve is south of Gleichen.  
 Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

**Karl J. Schnepf—Mine No. 299**

**1432** Mine Office: Rosebud, Alberta.  
 Mine Surveyor: Gordon L. Kidd.  
 Overman: Karl J. Schnepf.  
 Location of Mine: S.  $\frac{1}{2}$  L.S. 4, Sec. 29,  
 Tp. 26, Rge. 21, W. 4th Mer.  
 Thickness of Seam: 3 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 50 feet.  
 Form of Opening: Slope. Size of Slope:  
 6ft. by 6ft. Length of Slope: 162 feet.

**6551 Standard Coal Mine—Mine No. 1265**

Authorized Capital: \$15,000.  
 Name of President: H. Castella.  
 Name of Secretary: J. Castella.  
 Name of Treasurer: H. Castella.  
 Mine Office: Standard, Alberta.  
 General Manager: H. Castella.  
 Mine Surveyor: Gordon L. Kidd.  
 Overman: J. Castella.  
 Location of Mine: L.S. 5, Sec. 11, Tp. 25,  
 Rge. 10, W. 4th Mer.  
 Thickness of Seam: 3ft. 10in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 75 feet.  
 Form of Opening: Slope. Size of Slope:  
 5ft. by 9ft. Length of Slope: 110 feet.

**820 Consumers Coal Mine (John Guiney)  
—Mine No. 1431**

Mine Office: Rosebud, Alberta.  
 Mine Surveyor: Gordon L. Kidd.  
 Overman: John Guiney.  
 Location of Mine: L.S. 3, Sec. 29, Tp. 26,  
 Rge. 21, W. 4th Mer.  
 Thickness of Seam: 3 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 18 to 80 feet.  
 Form of Opening: Slope. Size of Slope:  
 8ft. by 10ft. Length of Slope: 125 feet.

**5370 Lucky Strike Mine (Wm. McMillan)  
—Mine No. 1521**

Mine Office: Rosebud, Alberta.  
 Mine Surveyor: Gordon L. Kidd.  
 Overman: Alex. McMillan.  
 Location of Mine: L.S. 14, Sec. 20, Tp. 26,  
 Rge. 21, W. 4th Mer.  
 Thickness of Seam: 3½ feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 75 feet.  
 Form of Opening: Drift. Size of Opening:  
 6ft. by 7ft.

**HALCOURT AREA****Baldwin Collieries—Mine No. 651**

**733** Mine Office: Grande Prairie, Alberta.  
 Mine Surveyor: David Jones.  
 Overman: E. E. Watt.  
 Location of Mine: L.S. 15, Sec. 35, Tp. 70,  
 Rge. 7, W. 6th Mer.  
 Thickness of Seam: 2 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 85 feet.  
 Form of Opening: Drift. Size of Opening:  
 6ft. by 6ft.

**Mitchell Bros.—Mine No. 1433**

**X** Mine Office: Dimsdale, Alberta.  
 Min Surveyor: David Jones.  
 Overman: Wm. Mitchell.  
 Location of Mine: S.E.  $\frac{1}{4}$  L.S. 3, Sec. 21,  
 Tp. 70, Rge. 7, W. 6th Mer.  
 Thickness of Seam: 2 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 10 to 100 feet.  
 Form of Opening: Tunnel. Size of Opening:  
 4ft. by 4ft.

**Campbell & O'Rielly—Mine No. 1506**

**261** Mine Office: Dimsdale, Alberta.  
 Mine Surveyor: David Jones.  
 Overman: M. O'Rielly.  
 Location of Mine: N.W.  $\frac{1}{4}$  L.S. 2, Sec. 21,  
 Tp. 70, Rge. 7, W. 6th Mer.  
 Thickness of Seam: 2 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 100 feet.  
 Form of Opening: Tunnel. Size of Opening:  
 6ft. by 6ft.

**The Hillside Mine (Cage, Dahl & Cage)  
—Mine No. 1588**

Mine Office: Halcourt, Alberta.  
 Location of Mine: L.S. 14, Sec. 24, Tp. 70,  
 Rge. 11, W. 6th Mer.  
 Stripping operation.

**HIGHWOOD AREA****Flat Creek Coals, Ltd.—Mine No. 1566**

**X** Authorized Capital: \$50,000.  
 Name of President: R. W. Wallace.  
 Names of Directors: R. W. Wallace, M.  
 P. Johnston, T. J. Ranaghan, N.  
 Lesiuk.  
 Head Office: 211 7th Ave. E., Calgary,  
 Alberta.  
 General Manager: R. W. Wallace.  
 Mine Surveyor: Robt. Hamilton.  
 Overman: H. S. Thain.  
 Location of Mine: E.  $\frac{1}{2}$  Sec. 34, Tp. 17,  
 Rge. 5, W. 5th Mer.  
 Thickness of Seam: One 16ft. and one  
 6ft.  
 Inclination of Seam: 52° Vert.  
 Form of Opening: Horizontal tunnel, 7ft.  
 by 7ft.

**LETHBRIDGE AREA****Rozzolini & Bridarolli—Mine No. 56**

Mine Office: Magrath, Alberta.  
 Mine Surveyor: Gordon L. Kidd.  
 Overman: A. Rozzolini.  
 Location of Mine: N.  $\frac{1}{2}$  of S.W.  $\frac{1}{4}$  L.S.  
 3, Sec. 7, Tp. 7, Rge. 21, W. 4th Mer.  
 Thickness of Seam: 2ft. 3in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 125 feet.  
 Form of Opening: Slope. Size of Slope:  
 5ft. by 6ft. Length of Slope: 230 feet.

**H. A. Dupen—Mine No. 203**

**X** Mine Office: Lethbridge, Alberta.  
 General Manager: H. A. Dupen.  
 Mine Surveyor: J. F. Hamilton.

Location of Mine: S.E.  $\frac{1}{4}$  L.S. 9, Sec. 31, Tp. 9, Rge. 21, W. 4th Mer.  
 Thickness of Seam: 3ft. 10in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 50 to 200 feet.  
 Form of Opening: Drift. Size of Opening: 5ft. by 6ft.

#### George Rollingson—Mine No. 738

46 Mine Office: Lethbridge, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 Overman: George Rollingson.  
 Location of Mine: L.S. 2, Sec. 11, Tp. 8, Rge. 22, W. 4th Mer.  
 Thickness of Seam: 30 inches.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 30 to 200 feet.  
 Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

#### Frank Batchelor—Mine No. 1045

\* Mine Office: Lethbridge, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 Overman: Frank Batchelor.  
 Location of Mine: S.  $\frac{1}{2}$  L.S. 15 and 16, Sec. 2, Tp. 8, Rge. 22, W. 4th Mer.  
 Thickness of Seam: 26 inches.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 30 to 200 feet.  
 Form of Opening: Tunnel. Size of Opening: 6ft. by 16ft.

#### \* Loxton, Vargo & Chemotti—Mine No. 1086

Mine Office: Lethbridge, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 Overman: George Loxton.  
 Location of Mine: L.S. 5, Sec. 8, Tp. 7, Rge. 21, W. 4th Mer.  
 Thickness of Seam: 3ft. 6in.  
 Inclination of Seam: Horizontal.  
 Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

#### J. C. Chester—Mine No. 1095

23206 Mine Office: Lethbridge, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 Overman: Geo. Roberts.  
 Fireboss: J. Garrett.  
 Location of Mine: L.S. 9, Sec. 30, Tp. 9, Rge. 21, W. 4th Mer.  
 Thickness of Seam: 4 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 300 feet.  
 Form of Opening: Slope. Size of Slope: 7ft. by 6ft. Length of Slope: 257 feet.

#### Strickland & Tennant—Mine No. 1219

9349 Mine Office: Lethbridge, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 Overman: Wm. Strickland.  
 Location of Mine: L.S. 12, Sec. 29, Tp. 9, Rge. 21, W. 4th Mer.  
 Thickness of Seam: 4 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 250 to 300 feet.  
 Form of Opening: Slope. Size of Slope: 5 $\frac{1}{2}$ ft. by 6 $\frac{1}{2}$ ft. Length of Slope: 400 feet.

#### Lethbridge Collieries, Ltd.—Mine No. 1263

224222 Authorized Capital: \$1,400.00.  
 Name of President: S. G. Porter.  
 Names of Directors: C. S. Donaldson, E. A. Lovett, S. G. Porter, Wm. Toole, E. A. Whitmore.  
 Name of Sec.-Treasurer: B. T. Coon.  
 Head Office: Calgary, Alberta.  
 Mine Office: Shaughnessy, Alberta.  
 General Manager: B. T. Coon.  
 Mine Manager: C. S. Donaldson.  
 Mine Surveyor: Wm. Meldrum.  
 Overmen: A. G. Donaldson and Fred Thackray.

Firebosses: Basil Mills, Otto Krossa and Alex. Birse.

Location of Mine: L.S. 11, Sec. 30, Tp. 10, Rge. 21, W. 4th Mer.  
 Thickness of Seam: 5ft. 6in.  
 Inclination of Seam: 2% N. 56 W.  
 Thickness of Cover: 260 feet.  
 Form of Opening: Shaft. Size of Shaft: 18ft. by 9ft. Depth of Shaft: 263 feet.

#### Lethbridge Collieries, Ltd.—Mine No. 1464 286722

Same particulars.  
 Mine Office: Lethbridge, Alberta.  
 Mine Manager: J. M. Davidson.  
 Mine Surveyor: William Meldrum.  
 Overman: T. Smith.  
 Firebosses: C. Coutts, J. Stewart; H. Crawford, G. Hargreaves, D. Coutts.  
 Location of Mine: L.S. 3, Sec. 2, Tp. 9, Rge. 22, W. 4th Mer.  
 Thickness of Seam: 4ft. 4in.  
 Inclination of Seam: 1 in 72 N. 8°W.  
 Thickness of Cover: 350 feet.  
 Form of Opening: Shaft. Size of Shaft: 18ft. by 8ft. by 11ft. Depth of Shaft: 359 feet.

#### Kerralta Coal Co.—Mine No. 1576 5655

Mine Office: Lethbridge, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 Overman: Julius Peta.  
 Location of Mine: L.S. 13, Sec. 12, L.S. 4, Sec. 13, Tp. 9, Rge. 22, W. 4th Mer.  
 Thickness of Seam: 4ft. 2in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 100 to 300 feet.  
 Form of Opening: Slope. Size of Opening: 6ft. by 7ft. Length of Slope: 290 feet.

#### J. J. Hamilton Coal Co.—Mine No. 1581 26161

Mine Office: Lethbridge, Alberta.  
 General Manager: J. J. Hamilton.  
 Mine Surveyor: Wm. Meldrum.  
 Overman: E. Tyrer.  
 Location of Mine: L.S. 11, Sec. 24, Tp. 9, Rge. 22, W. 4th Mer.  
 Thickness of Seam: 4ft. 6in.  
 Inclination of Seam: 2% N. 56°W.  
 Form of Opening: Shaft. Size of Shaft: 8ft. by 8ft. Depth of Shaft: 228 feet.  
 Thickness of Cover: 228 feet.

#### MILK RIVER AREA

#### Thomas Taylor—Mine No. 1301 1295

Mine Office: Groton, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 Overman: Thomas Taylor.  
 Location of Mine: L.S. 8, 9 and 10, Sec. 10, Tp. 3, Rge. 11, W. 4th Mer.  
 Thickness of Seam: 4ft. 4in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 50 to 65 feet.  
 Form of Opening: Slope. Size of Slope: 6ft. by 6ft. Length of Slope: 108 feet.

#### J. J. Mueller—Mine No. 1380 1339

Mine Office: Masinasin, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 Location of Mine: W.  $\frac{1}{2}$  L.S. 9, L.S. 10, Sec. 27, Tp. 2, Rge. 12, W. 4th Mer.  
 Thickness of Seam: 2ft. to 3ft. 8in.  
 Thickness of Cover: 6 feet.  
 Stripping operation.

#### E. L. Bye—Mine No. 1540 \*

Mine Office: Lucky Strike, Alberta.  
 Mine Surveyor: Gordon L. Kidd.  
 Location of Mine: N.W.  $\frac{1}{4}$  L.S. 5, Sec. 35, Tp. 2, Rge. 12, W. 4th Mer.  
 Thickness of Cover: 5 to 10 feet.  
 Stripping operation.

## MOUNTAIN PARK AREA

Mountain Park Coals, Ltd.—  
—Mine No. 282

246810

Authorized Capital: \$1,042,430.  
Name of President: Col. H. P. Mitchell, M.P.  
Names of Directors: A. M. Mitchell, Col. M. E. Lindsay, D.S.O., G. R. F. Kirkpatrick, A. C. Dunn, Mayne Reid, J. C. Dunn, A. E. Russell, R. Burleigh Taylor, C. B. McNair, A. N. Scott, Col. H. P. Mitchell.  
Name of Sec.-Treasurer: R. Burleigh Taylor; Assistant, G. P. Nance.  
Head Office: 179 Queen St., Charlotte-town, P.E.I.  
Mine Office: Mountain Park, Alberta.  
General Manager: A. N. Scott.  
Mine Manager: A. C. Hnatyshyn.  
Mine Surveyor: D. Hamilton.  
Overmen: W. Talbot; Assistant, H. Simons.  
Firebosses: W. McDonald, J. Price, S. Madsen, R. Roome, H. Roome, A. Stene, J. Hutchinson, M. McLean.  
Location of Mine: S.E.  $\frac{1}{4}$  Sec. 33, Tp. 45, Rge. 23, W. 5th Mer.  
Thickness of Seam: Kennedy, 25 feet; No. 2, 8 feet; No. 3, 32 feet.  
Inclination of Seam: 15 to 60 degrees.  
Thickness of Cover: 250 to 800 feet.  
Form of Opening: Drift. Size of Slopes: No. 1, 7ft. by 10 ft.; No. 2, 7ft. by 10ft. Length of Slopes: No. 1, 1,500 feet; No. 2, 800 feet.

264706

Cadomin Coal Co., Ltd.—Mine No. 693  
Authorized Capital: \$1,200,000 no par value shares.  
Name of President: H. R. Milner, K.C.  
Names of Directors: H. R. Milner, K.C., S. W. Field, K.C., A. C. Emery, J. A. McLeod.  
Name of Sec.-Treasurer: Colin Campbell.  
Mine Office: Cadomin, Alberta.  
General Manager: J. A. McLeod.  
Mine Manager: E. Coupland.  
Mine Surveyor: N. Melnyk.  
Overmen: T. Carr and J. Roberts.  
Firebosses: P. Nicholson, D. Stene, S. Douglas, P. McCarty, S. Chesney, A. Lister, R. Rawlinson, J. Smith, S. Wilson.  
Location of Mine: L.S. 14, Sec. 31, Tp. 46, Rge. 23, W. 5th. Mer.  
Thickness of Seam: 32 feet.  
Inclination of Seam: 62 degrees.  
Thickness of Cover: 1,200 feet.  
Form of Opening: Shaft. Size of Shaft: 14ft. 2in. by 22ft. 6in. Depth of Shaft: 875 feet.

302882

Luscar Coals, Ltd.—Mine No. 905  
Authorized Capital: \$650,000.  
Name of President: Col. H. P. Mitchell, M.P.  
Names of Directors: Col. H. P. Mitchell, M.P., Col. M. E. Lindsay, D.S.O., M. Reid, A. C. Dunn, J. C. Dunn, A. N. Scott, G. R. F. Kirkpatrick, A. M. Mitchell, A. E. Russell, C. B. McNair, R. Burleigh Taylor.  
Name of Sec.-Treasurer: R. Burleigh Taylor; Assistant, G. P. Nance.  
Head Office: 179 Queen St., Charlotte-town, P.E.I.  
Mine Office: Luscar, Alberta.  
General Manager: A. N. Scott.  
Mine Manager: D. C. Hamilton.  
Mine Surveyor: D. C. Hamilton.  
Overmen: H. Evans and J. Brady.  
Firebosses: J. Jones, W. J. Thomas, R. Mitchell, R. Davis, T. Eccleston, D. Astley, J. Hogg, J. Blair, D. Mitchell.  
Location of Mine: L.S. 7, Sec. 23, Tp. 47, Rge. 24, W. 5th Mer.

Thickness of Seam: 30 ft. approximately.  
Inclination of Seam: Varies up to 90 degrees.

Thickness of Cover: 250 to 1,000 feet.  
Form of Opening: Slope in rock. Size of Slope: 8ft. by 12ft. Length of Slope: 800 feet.

## K-D Collieries, Ltd.—Mine No. 1392

29013

Authorized Capital: \$200,000.  
Name of President: Nelles V. Buchanan.  
Names of Directors: R. V. Real, H. J. MacDonald, H. D. Elliott.  
Name of Sec.-Treasurer: G. E. T. Sherry.  
Head Office: Edmonton, Alberta.  
Mine Office: Kaydee, Alberta.  
General Manager: G. E. T. Sherry.  
Mine Manager: Alex. Crawford.  
Mine Surveyor: L. C. Stevens.  
Overman: Alex. Crawford.  
Firebosses: J. Denholm and W. Grubisch.  
Location of Mine: S.E.  $\frac{1}{4}$  L.S. 8, Sec. 28, Tp. 47, Rge. 24, W. 5th Mer.  
Thickness of Seam: 30 to 40 feet.  
Inclination of Seam: 30 degrees.  
Thickness of Cover: 300 feet.  
Form of Opening: Drifts. Size of Openings: 7ft. by 10 ft.

## NORDEGG AREA

## Brazeau Collieries, Ltd.—Mine No. 256

Mines

Authorized Capital: \$4,450,000.  
Name of President: J. A. Boyd.  
Names of Directors: J. A. Boyd, H. A. Kilpatrick, W. H. Moore, G. R. Cottrelle, H. S. Gausby.  
Name of Sec.-Treasurer: H. S. Gausby.  
Head Office: 7th Floor, 25 King St. W., Toronto, Ont.  
Mine Office: Nordegg, Alberta.  
General Manager: John Shanks.  
Mine Manager: David Shanks.  
Mine Surveyor: A. McMullen.  
Overman: J. Parker.  
Firebosses: G. Stewart, M. O'Neill, G. Minue, R. Whyte.  
Location of Mine: L.S. 13, Sec. 22, Tp. 40, Rge. 15, W. 5th Mer.  
Thickness of Seam: 13 feet.  
Inclination of Seam: 12 degrees.  
Thickness of Cover: 400 to 600 feet.  
Form of Opening: Slope. Size of Slope: 12ft. by 6ft. Length of Slope: 2,500 ft.

256 and  
1585

32054

## Brazeau Collieries, Ltd.—Mine No. 1585

X

Same particulars.  
Mine Manager: J. M. Stewart.  
Overman: A. McQueen.  
Firebosses: D. Duncan, J. White, H. Williams.  
Location of Mine: L.S. 13, Sec. 22, Tp. 40, Rge. 15, W. 5th Mer.  
Thickness of Seam: 6 feet.  
Inclination of Seam: 12 degrees.  
Thickness of Cover: 400 to 600 feet.  
Form of Opening: Slope. Size of Slope: 12ft. by 6ft. Length of Slope: 3,000 ft.

## PAKOWKI AREA

## William Geddes—Mine No. 1138

87

Mine Office: Little Plume, Alberta.  
Mine Surveyor: E. Ashburner.  
Overman: W. Geddes.  
Location of Mine: W.  $\frac{1}{2}$  L.S. 15, Sec. 2, Tp. 9, Rge. 5, W. 4th Mer.  
Thickness of Seam: 11 feet.  
Inclination of Seam: 32 degrees.  
Thickness of Cover: 70 feet.  
Form of Opening: Slope. Size of Slope: 5ft. by 5ft. Length of Slope: 125 feet.

## William Raeder—Mine No. 1318

196

Mine Office: Elkwater, Alberta.  
Mine Surveyor: E. Ashburner.

Overman: Wm. Raeder.  
Location of Mine: L.S. 10, Sec. 23, Tp. 8,  
Rge. 3, W. 4th Mer.  
Thickness of Seam: 5ft. 6in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: Up to 200 feet.  
Form of Opening: Drift. Size of Opening: 6ft. by 6ft.

#### PEKISKO AREA

##### 7430 H. Swan & Son (Fish Creek Mine) —Mine No. 361

Mine Office: Priddis, Alberta.  
Mine Surveyor: R. Hamilton.  
Overman: H. Swan.  
Fireboss: S. Henderson.  
Location of Mine: L.S. 11, Sec. 7, Tp. 22,  
Rge. 3, W. 5th Mer.  
Thickness of Seam: 6ft. 6in.  
Inclination of Seam: 10 degrees.  
Thickness of Cover: 150 feet.  
Form of Opening: Slope. Size of Slope:  
6ft. by 8ft. Length of Slope: 260 feet.

##### X Campbell Bros.—Mine No. 1142

Mine Office: Priddis, Alberta.  
Mine Surveyor: R. Hamilton.  
Overman: J. Metcalf.  
Location of Mine: L.S. 11, Sec. 27, Tp. 22,  
Rge. 4, W. 5th Mer.  
Thickness of Seam: 3ft. 6in.  
Inclination of Seam: Approx. 10 degrees.  
Thickness of Cover: 100 feet.  
Form of Opening: Slope. Size of Slope:  
6ft. by 7ft. Length of Slope: 100 feet.

##### 4372 G. C. Davies—Mine No. 1516

Mine Office: Priddis, Alberta.  
Mine Surveyor: R. Hamilton.  
Overman: G. C. Davies.  
Location of Mine: L.S. 10, Sec. 4, Tp. 22,  
Rge. 3, W. 5th Mer.  
Thickness of Seam: 3ft. 4in.  
Inclination of Seam: 10½ degrees.  
Form of Opening: Slope. Size of Slope:  
6ft. by 6ft. Length of Slope: 350 feet.  
Thickness of Cover: 120 feet.

#### PEMBINA AREA

##### 50801 Lakeside Coals, Ltd.—Mine No. 419

Authorized Capital: \$660,000.  
Name of President: E. A. McBain.  
Names of Directors: E. A. McBain, Wm.  
Foster, W. W. McBain, W. A. McBain.  
Name of Secretary: W. A. McBain.  
Head Office: 93rd St. and Jasper Ave.,  
Edmonton, Alberta.  
Mine Office: Wabamun, Alberta.  
General Manager: Wm. Foster.  
Mine Manager: W. G. Flint.  
Mine Surveyor: W. Foster.  
Overman: J. Vivyurka.  
Location of Mine: L.S. 15, Sec. 9, Tp. 53,  
Rge. 4, W. 5th Mer.  
Thickness of Seam: 7½ feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 300 feet.  
Form of Opening: Slope. Size of Opening:  
7ft. by 8ft.

##### 649 Entwistle Coals, Ltd.—Mine No. 1495

Name of President: L. Lucas.  
Names of Directors: Messrs. Lucas, Hem-  
shall, Winkler.  
Name of Sec.-Treasurer: L. Lucas.  
Head Office: Edmonton, Alberta.  
Mine Office: Entwistle, Alberta.  
General Manager: G. E. Winkler.  
Mine Surveyor: B. Atkins.  
Overman: J. A. Hodgkinson.  
Location of Mine: N.W. ¼ Sec. 34, Tp. 53,  
Rge. 7, W. 5th Mer.  
Thickness of Seam: 5ft. 6in.  
Inclination of Seam: Horizontal.

Form of Opening: Slope. Size of Opening:  
5ft. by 6ft. Length of Slope:  
75 feet.

##### H. H. Wright—Mine No. 1575

Mine Office: Genesee, Alberta. **823**  
Mine Surveyor: L. C. Stevens.  
Overman: Dallas Smith.  
Location of Mine: L.S. 16, Sec. 12, Tp. 51,  
Rge. 3, W. 5th Mer.  
Thickness of Seam: 4 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 75 feet.  
Form of Opening: Drift. Size of Opening:  
5ft. by 6ft.

#### PINCHER AREA

##### Purdy & Co.—Mine No. 59

Mine Office: Lundbreck, Alberta. **451**  
Mine Surveyor: M. H. Congdon.  
Overman: S. J. Purdy.  
Location of Mine: S.W. ¼ L.S. 15, Sec.  
26, Tp. 7, Rge. 2, W. 5th Mer.  
Thickness of Seam: 6 feet.  
Inclination of Seam: 20 to 50 degrees.  
Thickness of Cover: 150 feet.  
Form of Opening: Slope. Size of Slope:  
7ft. by 10ft. Length of Slope: 400 ft.

#### REDCLIFF AREA

##### Gunderson Brick & Coal Co., Ltd.— —Mine No. 165

Authorized Capital: \$200,000. **12705**  
Name of President: P. Lavelle.  
Names of Directors: J. M. Stratton, P.  
Lavelle, C. G. Buchholz.  
Name of Sec.-Treasurer: C. G. Buchholz.  
Mine Office: Redcliff, Alberta.  
Mine Surveyor: Gordon L. Kidd.  
Overman: J. M. Stratton.  
Location of Mine: L.S. 14, Sec. 5, Tp. 13,  
Rge. 6, W. 4th Mer.  
Thickness of Seam: 4ft. 5in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 190 feet.  
Form of Opening: Slope. Size of Slope:  
7ft. by 7ft. Length of Slope: 560 feet.

##### Ajax Coal Co. (J. T. Oliphant) —Mine No. 772

Authorized Capital: \$15,000. **15460**  
Name of President: L. N. Laidlaw.  
Mine Office: Medicine Hat, Alberta.  
Mine Surveyor: Gordon L. Kidd.  
Overman: John T. Oliphant.  
Location of Mine: L.S. 2, Sec. 5, Tp. 13,  
Rge. 6, W. 4th Mer.  
Thickness of Seam: 4 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: To 250 feet.  
Form of Opening: Drift.

#### ROCHESTER AREA

##### Thorhild Coal Co.—Mine No. 1517

Mine Office: Thorhild, Alberta. **3042**  
Mine Surveyor: David Jones.  
Overman: Mike Libicz.  
Location of Mine: N. ½ L.S. 12, S. ½  
L.S. 13, Sec. 12, Tp. 60, Rge. 21, W.  
4th Mer.  
Thickness of Seam: 6ft. 10in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 25-50 feet.  
Form of Opening: Slope. Size of Slope:  
7ft. by 7ft. Length of Slope: 65 feet.

##### Tomilson & Kaszuba—Mine No. 1562

Mine Office: Radway, Alberta. **4245**  
Mine Surveyor: David Jones.  
Location of Mine: L.S. 1, Sec. 11, Tp. 60,  
Rge. 21, W. 4th Mer.

Thickness of Seam:  $5\frac{1}{2}$  feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 12 to 20 feet.  
Stripping operation.

## SAUNDERS AREA

40089 Bighorn & Saunders Creek Collieries,  
Ltd.—Mine No. 388  
Authorized Capital: \$300,000.  
Name of President: Raoul Green.  
Names of Directors: J. R. Smith, L. P.  
Robert, W. G. Pearson.  
Name of Sec.-Treasurer: A. R. Granger.  
Head Office: Blairmore, Alberta.  
Mine Office: Saunders, Alberta.  
Mine Manager: Owen Morgan.  
Mine Surveyor: Owen Morgan.  
Overman: L. Gladwin.  
Firebosses: I. Dolzan, F. Broderick, J.  
James.  
Location of Mine: S.E.  $\frac{1}{4}$  L.S. 9, Sec. 24,  
Tp. 40, Rge. 13, W. 5th Mer.  
Thickness of Seam: 4ft. 5in.  
Inclination of Seam: 7 degrees.  
Thickness of Cover: 250 feet.  
Form of Opening: Slope. Size of Slope:  
8ft. by 7ft. Length of Slope: 1,300 ft.

24700 Alexo Coal Co., Ltd.—Mine No. 852  
Authorized Capital: \$200,000.  
Name of President: E. F. Pullen.  
Names of Directors: E. F. Pullen, G. F.  
Hanning, Frank Pullen, C. C. Clark.  
Name of Secretary: C. C. Clark.  
Head Office: 107 Duke St., Toronto, Ont.  
Mine Office: Alexo, Alberta.  
General Manager: E. F. Pullen.  
Mine Manager: Alex. Muir.  
Mine Surveyor: A. McMullen.  
Overman: A. McCulloch.  
Fireboss: W. Smillie.  
Location of Mine: L.S. 9, Sec. 27, Tp. 40,  
Rge. 13, W. 5th Mer.  
Thickness of Seam: 5 feet.  
Inclination of Seam: 7 degrees.  
Thickness of Cover: 250 feet.  
Form of Opening: Slope. Size of Slope:  
12ft. by 8ft. Length of Slope: 2,250  
feet at 6 degrees.

## SHEERNESS AREA

6353 Chinook Coal Co., Ltd.—Mine No. 443  
Name of President: Claude Gallinger.  
Authorized Capital: \$30,000.  
Names of Directors: C. Gallinger, Mrs.  
Jean Gallinger, Wilbur Gallinger, Mrs.  
R. L. Wood, R. L. Wood.  
Name of Sec.-Treasurer: R. L. Wood.  
Mine Office: Sheerness, Alberta.  
General Manager: R. L. Wood.  
Mine Surveyor: David Jones.  
Overman: William Swanson.  
Location of Mine: L.S. 1, Sec. 12, Tp. 29,  
Rge. 13, W. 4th Mer.  
Thickness of Seam: 5 to 6 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 10 to 14 feet.  
Stripping operation.

662 J. R. Hemstock—Mine No. 486  
Mine Office: Hanna, Alberta.  
Mine Surveyor: David Jones.  
Mine Manager: J. R. Hemstock.  
Location of Mine: S.W.  $\frac{1}{4}$  L.S. 6, Sec. 29,  
Tp. 32, Rge. 13, W. 4th Mer.  
Thickness of Seam: 2 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 10 feet.  
Stripping operation.

380 T. E. Stubbs—Mine No. 1314  
Mine Office: Hanna, Alberta.  
Mine Surveyor: David Jones.  
Overman: T. E. Stubbs.

Location of Mine: L.S. 1, Sec. 6, Tp. 29,  
Rge. 14, W. 4th Mer.  
Thickness of Seam:  $2\frac{1}{2}$  feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 10 feet.  
Stripping operation.

T. C. Ironside—Mine No. 1398 679  
Mine Office: Scapa, Alberta.  
Mine Surveyor: David Jones.  
Overman: T. G. Ironside.  
Location of Mine: L.S. 12, Sec. 5, Tp. 34,  
Rge. 13, W. 4th Mer.  
Thickness of Seam:  $2\frac{1}{2}$  feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 10 feet.  
Stripping operation.

F. M. Pahl & Sons—Mine No. 1401 1159  
Mine Office: Hanna, Alberta.  
Mine Surveyor: David Jones.  
Overman: F. M. Pahl.  
Location of Mine: N.E.  $\frac{1}{4}$  L.S. 7, Sec. 30,  
Tp. 32, Rge. 13, W. 4th Mer.  
Thickness of Seam: 3 to  $3\frac{1}{2}$  feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 20 feet.  
Stripping operation.

Sheerness Coal Co., Ltd.—Mine No. 1432 48295  
Authorized Capital: \$10,000.  
Name of President: Claude Gallinger.  
Names of Directors: C. Gallinger and  
Mrs. Jean Gallinger.  
Name of Sec.-Treasurer: R. L. Wood.  
Mine Office: Sheerness, Alberta.  
General Manager: R. L. Wood.  
Overman: B. H. Bishop.  
Mine Surveyor: David Jones.  
Location of Mine: L.S. 5, Sec. 19, Tp. 29,  
Rge. 12, W. 4th Mer.  
Thickness of Seam: 5 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 10 feet.  
Stripping operation.

John Masciangelo—Mine No. 1553 1076  
Mine Office: Delia, Alberta.  
Mine Surveyor: David Jones.  
Overman: John Masciangelo.  
Location of Mine: L.S. 10, Sec. 21, Tp. 30,  
Rge. 17, W. 4th Mer.  
Thickness of Seam: 3 feet.  
Inclination of Seam: Horizontal.  
Thickness of Cover: 150 feet.  
Form of Opening: Drift. Size of Open-  
ing: 6ft. by 7ft.

## TABER AREA

C. J. Lavenne—Mine No. 672 2653  
Mine Office: Bow Island, Alberta.  
Mine Surveyor: J. F. Hamilton.  
Overman: C. J. Lavenne.  
Location of Mine: L.S. 3, Sec. 27, Tp. 12,  
Rge. 10, W. 4th Mer.  
Thickness of Seam: 4ft. 4in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: Up to 135 feet.  
Form of Opening: Drift. Size of Open-  
ing: 4ft. by 4ft.

Powell & Co.—Mine No. 712 125  
Mine Office: Taber, Alberta.  
Mine Surveyor: J. F. Hamilton.  
Overman: Gilbert Maggs.  
Location of Mine: L.S. 8, Sec. 4, Tp. 10,  
Rge. 17, W. 4th Mer.  
Thickness of Seam: 3ft. 7in.  
Inclination of Seam: Horizontal.  
Thickness of Cover: Up to 125 feet.  
Form of Opening: Level tunnel from  
river bank.

685

**Victor W. Campbell—Mine No. 1334** *SM*  
 Mine Office: Grassy Lake, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 Overman: M. V. Campbell.  
 Location of Mine: L.S. 4, Sec. 26, Tp. 9,  
 Rge. 13, W. 4th Mer.  
 Thickness of Seam: 2 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover:  
 Stripping operation.

X

**Mullen & Collett—Mine No. 1545** *SM*  
 Mine Office: Taber, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 General Manager: J. Mullen.  
 Overman: Wm. Wallwork.  
 Location of Mine: L.S. 14, Sec. 1, Tp. 10,  
 Rge. 17, W. 4th Mer.  
 Thickness of Seam: 3ft. 10in.  
 Inclination of Seam: Horizontal.  
 Form of Opening: Drift. Size of Open-  
 ing: 6ft. by 6ft.

8504

**Edward Oliver—Mine No. 1536**  
 Mine Office: Taber, Alberta.  
 Mine Surveyor: J. F. Hamilton.  
 Mine Manager: Edward Oliver.  
 Overman: Mike Novak.  
 Location of Mine: L.S. 2, Sec. 18, Tp. 10,  
 Rge. 16, W. 4th Mer.  
 Thickness of Seam: 3ft. 8in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: Up to 100 feet.  
 Form of Opening: Drift. Size of Open-  
 ing: 6ft. by 6ft.

81

**AAA Coals, Ltd.—Mine No. 1530** *SM*  
 Authorized Capital: \$70,000.  
 Name of President: John A. Mooney.  
 Names of Directors: J. A. Mooney, Robt.  
 J. Brandon.  
 Name of Sec.-Treasurer: Robt. J. Bran-  
 don.  
 Head Office: Suite 1, Banner Building,  
 Regina, Sask.  
 Mine Office: Grassy Lake, Alberta.  
 Mine Manager: J. A. Mooney.  
 Location of Mine: L.S. 7 and 8, Sec. 26,  
 Tp. 9, Rge. 13, W. 4th Mer.  
 Thickness of Seam: 28 inches.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover:  
 Stripping operation.

## TOFIELD AREA

10118

**Dodds Coal Co., Ltd.—Mine No. 215** *SM*  
 Authorized Capital: \$30,000.  
 Name of President: M. A. Chappell.  
 Names of Directors: E. E. Chappell, A.  
 E. Chappell, E. M. Chappell.  
 Name of Sec.-Treasurer: E. E. Chappell.  
 Mine Office: Dodds, Alberta.  
 Mine Manager: E. E. Chappell.  
 Mine Surveyor: David Jones.  
 Location of Mine: L.S. 7, Sec. 14, Tp. 49,  
 Rge. 18, W. 4th Mer.  
 Thickness of Seam: 6 feet.  
 Inclination of Seam: Horizontal.

Thickness of Cover: 18 feet.  
 Stripping operation.

**Tofield Coal Co., Ltd.—Mine No. 252** *69661*

Authorized Capital: \$150,000.  
 Name of President: Claude Gallinger.  
 Names of Directors: Claude Gallinger,  
 Mrs. Jean Gallinger.  
 Name of Sec.-Treasurer: Norman E. Scott.  
 Mine Office: Tofield, Alberta.  
 General Manager: Claude Gallinger.  
 Mine Surveyor: David Jones.  
 Location of Mine: N. ½ Sec. 26, Tp. 50,  
 Rge. 19, W. 4th Mer.  
 Thickness of Seam: 6 to 7 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 18 to 35 feet.  
 Stripping operation.

**D. Falvo—Mine No. 1107** *1929*

Mine Office: Dodds, Alberta.  
 Mine Surveyor: David Jones.  
 Overman: D. Falvo.  
 Location of Mine: L.S. 15, Sec. 11, Tp.  
 49, Rge. 18, W. 4th Mer.  
 Thickness of Seam: 5 to 6 feet.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 25 feet.  
 Form of Opening: Slope. Size of Slope:  
 7ft. by 6ft. Length of Slope: 60 feet.

**Ryley Coal Co.—Mine No. 1206** *3605*

Mine Office: Ryley, Alberta.  
 General Manager: W. T. Gotheridge.  
 Mine Surveyor: David Jones.  
 Mine Manager: W. T. Gotheridge.  
 Location of Mine: L.S. 8, Sec. 8, Tp. 49,  
 Rge. 17, W. 4th Mer.  
 Thickness of Seam: 8ft. 2in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 14 feet.  
 Form of Opening: Slope. Size of Slope:  
 6½ft. by 6ft. 3in. Length of Slope:  
 48 feet.

## WETASKIWIN AREA

**Peter Gill—Mine No. 1534** *3272*

Mine Office: Thorsby, Alberta.  
 Mine Surveyor: L. C. Stevens.  
 Overman: Peter Gill.  
 Location of Mine: L.S. 2 and 7, Sec. 3,  
 Tp. 48, Rge. 27, W. 4th Mer.  
 Thickness of Seam: 4ft. 9in.  
 Inclination of Seam: Horizontal.  
 Thickness of Cover: 115 feet.  
 Form of Opening: Drift. Size of Open-  
 ing: 6ft. by 7ft.

## WHITCOURT AREA

**Alexander Watson—Mine No. 1569** *148*

Mine Office: Blue Ridge, Alberta.  
 Overman: A. Watson.  
 Location of Mine: Part of L.S. 12 and 13,  
 Sec. 19, Tp. 59, Rge. 10, W. 5th Mer.  
 Thickness of Seam: 6ft. 3in.  
 Inclination of Seam: Horizontal.  
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